ANTIQUE RADIO CLASSIFIED

Volume 29 October 2012 Number 10

eBay Auction Results

A.R.C. – The International Publication For Buyers & Sellers Of Old Radios & Related Items

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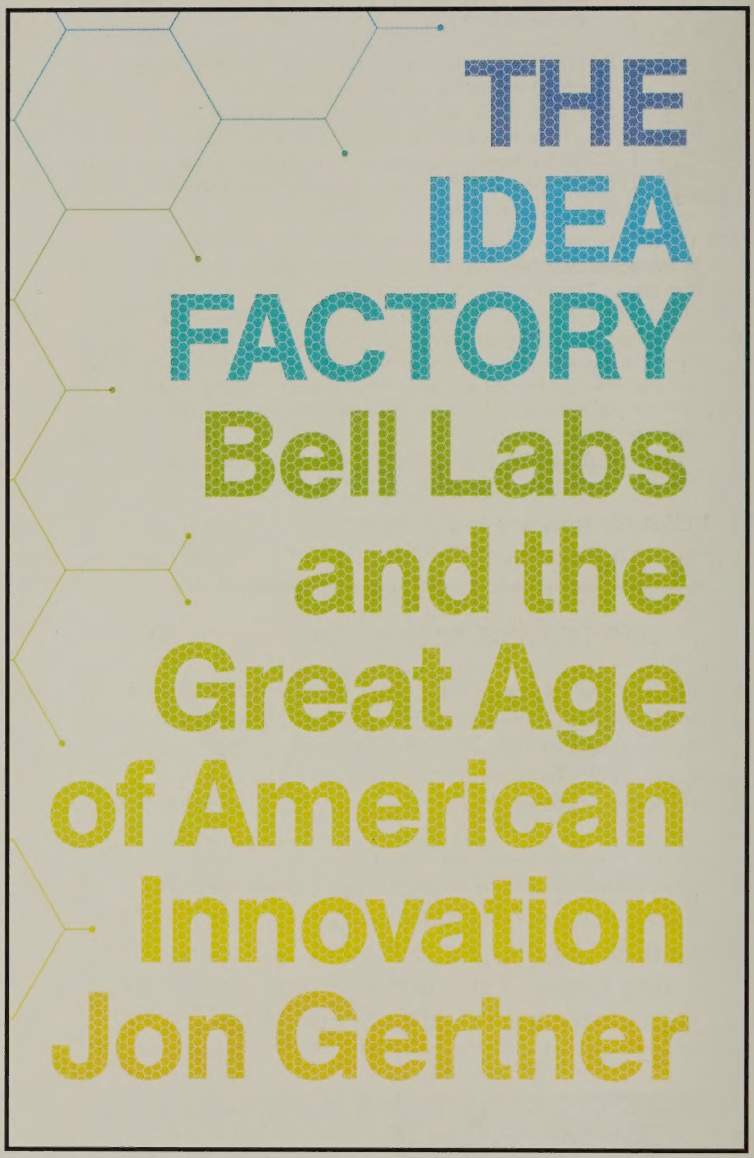

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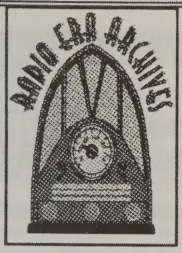

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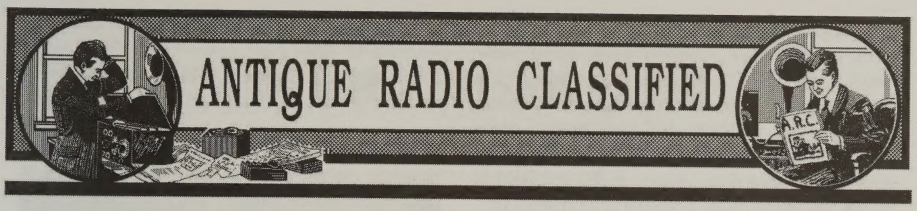


Publisher's Comments

The winter months will soon be here. Time to work on those projects and restorations that we have saved during the warmer months. I'm going to be working on a Grebe battery set, General Electric S-22X, and a Sentinel porthole television. Take some photographs of your restoration projects and write up a page and send it in to A.R.C. for an article!

We welcome back one of our long time authors Dave Crocker. This month Dave talks about an Air-Chrome speaker. It's an octagon shaped speaker with a nice whose grille cloth shows a wonderful hand painted scene.

Richard Majestic discusses his McMurdo Silver 15-17 radio console. Richard usually discusses his vast collection of Majestic radios. He looks at the radio as well as the history of the company.

This month we pay a visit to the Waves Radio Shop in New York City. Many of us have met the owners Bruce and Charlotte Mager at a meet or at the shop. They have been in business since the 1970's – and one of the older A.R.C. subscribers!

And finally comes the eBay story. At every meet I attend as well as the various phone calls I receive, the question of what eBay is doing for the hobby or what it's doing to the hobby is discussed. I'm not going to take sides on these questions but a number of collectors have suggested we publish eBay auction results. As an experiment, for the next few months A.R.C. will publish eBay auction results. I invite readers to write us with their thoughts on how eBay is affecting our hobby.

Next month we will cover the Antique Wireless Association Convention that took place a few months ago as well as restoration articles and another At Home with the Collector articles.

As I said last month, we have a new printing company and hope to have the magazine delivered more timely. We are also working on the brightness of the photographs.

Until next month, happy collecting.

Jon Kummer
Publisher

On The Cover

This month we feature a 1948 Emerson model 638 television. No, we did not "colorize" the television – we just added a graphic that ties in with the eBay story on page 4 in this issue.

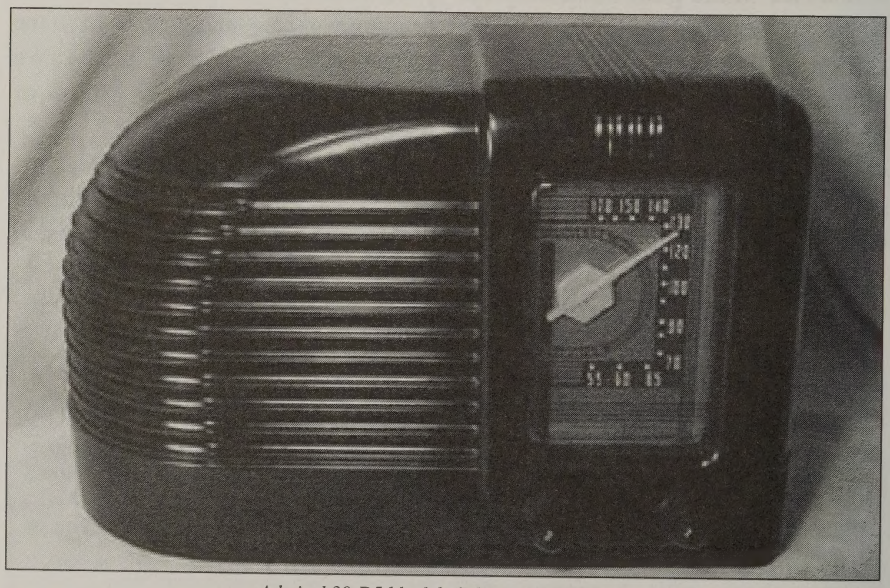
eBay Auction Results

We hear it at every radio meet and auction that we attend - "eBay, eBay, eBay".

Though many of us would like to inspect an item prior to purchasing it, eBay is certainly a force in the sales of antique radios, TV's, parts, etc. Many of our readers are happy with eBay because they have a world-wide audience which to sell their items. But many readers certainly like talking with other collectors. eBay gives the seller a larger audience but the buyer can't inspect the item.

eBay first came to my attention about 10 years ago. I had some items to sell and decided to give it a try. One of the items I had was a Hallicrafters S-29 Sky Traveler. I purchased it for $10.00 at a garage sale in my neighborhood. I figured that I would probably get about $50.00 on eBay. After a few days I started receiving emails from all over the world asking about shipping. One person in Australia wanted to know the shipping cost and at the time I determined it would be $125.00. At the end of the auction the S-29 sold for $250.00 to the Australian plus $125.00 shipping. eBay certainly did attract my attention!

Radio Lamp Speaker



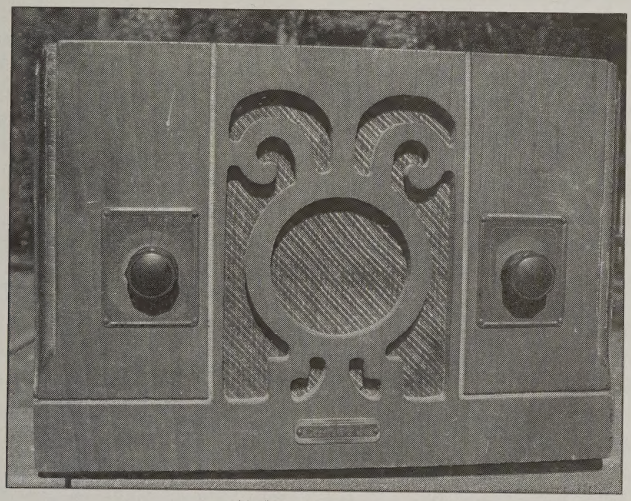
Admiral 30-D5 black bakelite table top radio

As an experiment, starting this month Antique Radio Classified will start to publish eBay auction results. The most asked for articles from readers are those with auction results.

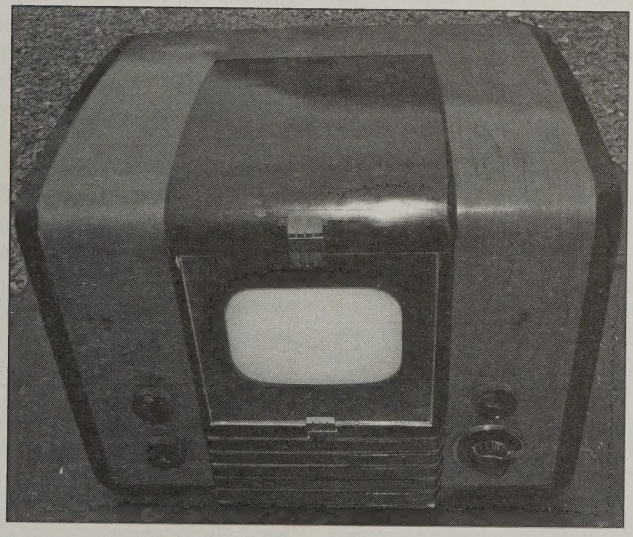
Another interesting thing about eBay is that most of the sales on eBay are not through auctions but through "buy it now" fixed price sales. Today I checked eBay and typed in "antique radios". There were 2527 items with the words "antique" and "radio" in their title. Of the 2732 items, 730 were auctions and 2002 were fixed price listings! That means 27% were auction listings and 73% were fixed price listings. There are much more fixed price listings then I expected.

Let us know what you think about A.R.C. publishing eBay results each month. For this first month I only took a small sample in each category.

We will only list items that were actually sold.



Air King Comet Jr.



RCA 621TS Television

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eBay Auctions

General

Addison R5A1cream maroon plaskon	699
Admiral 30-D5 black bakelite	280
Air King Comet Jr. table top	200
Airline 62-406 radio	495
Amrad 3500-1 & 3475 receiver tuner	1280
Atwater Kent 165	350
Atwater Kent 20 chassis w/ tubes	199
Atwater Kent 70 console	299
Bendix 526D	255
Blaupunkt Verona tabletop	275
Brunswick Panatrope D6876	297
Colin Kennedy 525 amplifier	999
Colonial 158 Globe radio	750
Crosley 516 table top	221
Crosley 51P portable battery set	232
Crosley D25 red table top	115
Delco R-1116 table top	150
Edison R-7 console	175
Emerson 5BS409 red catalin	2000
Emerson AL-149 bakelite table top	165
Emerson R-167 table top	256
Erla Superflex	243
General Electric GD-60	295
General Electric J-83 tombstone	300
General Electric K-53M table top	227
General Electric S-22-S clock radio	262
General Radio Crystal Receiver	295
Grebe CR-9	525
Grebe MU-1 w/ Sonochure speaker	212
Grundig Majestic 5017 table top	165
Grundig Majestic 5299 table top	215
Grundig Majestic SO-150 console	250
Guild Country Bell 556 radio	124
Hale's battery set	249
Magnavox S-4650 console	295
Marconi 180 table top	255
Nordmende Fidelio 55	125
Philco 20 cathedral	240
Philco 27-640 tombstone	225
Philco 37-116X console	235
Philco 37-60 cathedral	256
Philco 37-640 tombstone	225
Philco 38-7 chairside radio	499
Philco 40-180 console	120
Philco 42-355 table top	226
Philco 44 console	175
Philco 46-1401 boomerang radio phono	200
Philco 49-501 boomerang radio	425
Philco 51-1730 console	135
Philco 87 console	325
Philco 90 chassis	115
Pilot T-511 table top	195
Radialva Super AS57	128
Radiola 18 w/ 100A speaker	129
Radiola 20 Alhambra 1 radio/phono	375
Radiola 26	276
Radiola 44 table top	266
Radiola 86971 with horn	399
Radiola III w/ tubes	275
Radiola V w/ AR885A amplifier	261
RCA 128 cathedral	370
RCA 17M table top	200
RCA 3RF91 table top	125
RCA 45X13 table top	226
RCA 56X3 table top	114
RCA 66X1 table top	125
RCA 6T2 tombstone	139
RCA D11-2 console	650
RCA K-97 console	150
RCA T6-1 tombstone	549
RCA T7-12 tombstone	225
Rogers 7R621 table top	475
Rogers Majestic 9R515	128
Saba Villingen Sport WK	157
Saba Wildbad 9	406
Schaub Lorenz Goldsuper 52 table top	395
Scott 16A Metropolitan console	2749
Silvertone 101-506 table top	299
Silvertone 4763 table top	256
Silvertone 6230 table top	230
Stewart Warner 102 cathdral	275
Stromberg Carlson 500J table top	219
Toshiba 6TP-357 transistor set	220
Victor Synchronous w/ RE-57 console	399
Westhouse H-397T5 table top	125
Westinghouse DA amplifier detector	228
Westinghouse H-126	150
Westinghouse H496P4 portable	125
Westinghouse RA-DA	455
Westinghouse WR-178 table top	119
Zenith 12U159	600
Zenith 5R216 cube radio	395
Zenith 5R226 childs console	395
Zenith 5S237 chairside	255
Zenith 6D030 table top	209
Zenith 6D525 table top	215
Zenith 6S128 tombstone	649

eBay Auctions

Zenith 6S222 cube radio	495
Zenith 6S229 tombstone	248
Zenith 7S232 Walton tombstone	975
Zenith 7S258 console	217
Zenith 7S529 console	228
Zenith 7S634R table top	260
Zenith 7S657 console	250
Zenith 9S367 console	695
Zenith AH Zenette cathedral	550
Communications Equipment	
Collins 32S-3A transmitter	3860
Collins 51S1 receiver	3550
Collins KWM380 transceiver	4500
Drake L4B amplifier	1000
Drake SPR-4 receiver	660
Drake TR4C transmitter w/ PS	699
EF Johnson Valiant II transmitter	999
EF Johnson Viking Ranger I transmitter	650
EF Johnson Viking Ranger II transmitter	450
Hallicrafters HT-41 amplifier	455
Hallicrafters S-38 receiver	410
Hallicrafters SR-2000 w/ P2000 PS	1780
Hallicrafters SX-a100 receiver	484
Hallicrafters SX-115	600
Hallicrafters SX-117 receiver	100
Hallicrafters SX-28A receiver	699
Hallicrafters SX-71 receiver	736
Hallicrafters SX-73 R-274 receiver	495
Hallicrafters SX-9 receiver	385
Hammarlund HQ-160 receiver	355
Hammarlund HQ-180 receiver	1495
Hammarlund SP-600 receiver	920
Heathkit HR-1680 unbuilt	800
Heathkit HW-101 digital	415
Heathkit HW-99 unbuilt	557
Heathkit SB-102 transceiver	382
Heathkit SB-104A	405
Heathkit SB-110A transceiver	362
Heathkit SB-220 amplifier	800
Heathkit SB-221 amplifier	799
Heathkit SB-401 & SB-303 combo	375
Henry 8K Ultra amplifier	11000
Patterson PR-10 receiver	214
RCA IP-501A receiver	3499
Television	
Admiral 19A11 bakelite table TV	599
Admiral 20A1 bakelite floor model	799
Airline 84HA-3002A table TV	280
Dumont RA369 remote selector	787
General Electric 805 bakelite table TV	300
Grundig Zauberspiegel 858 TV	1960
JVC Helmet TV	350
Philco G4242 Predicta table TV	399
Philco Safari portable TV	405
Pilot TV37 table TV	455
RCA 21-GT-7855 floor TV	458
RCA 621TS TV	898
RCA 721TS table TV	252
RCA 8T243 w/ stand	299
RCA CTC-21 color TV	2170
RCA CTC-5 color TV	249
RCA GH-759W floor TV	400
RCA TK-11 Orthicon Camera	5100
Stromberg Carlson 421 TV	749
Tubes	
Sylvania 6SN7W metal base pair	355
Tung Sol CTL 6SN7GT NOS pair	619
WE 216A	215
WE 300B pair	5655
WE 252A pair	5000
WE 274A engraved base	3000
WE 348A	898
WE 274B	895
Speakers	
Atwater Kent H Horn	189
Atwater Kent M horn	249
Dictogrand R-3 speaker	215
Radio Lamp Speaker	800
Radiola 100 speaker	124
Radiola UX1325 horn	149
Ship Speaker cast iron	225
Stewart Warner dancing women speaker	235
Miscellaneous	
Hallicrafters neon sign	410
Hickok 600A	300
Kenton radio bank cast iron red	249
Philco neon clock working	249
Philco neon sign - 2 sided	6600
RCA Orthophonic 7-HF-45 record player	249
Shure 32-312 mic	350
Zenith Windcharger	275

The Air-Chrome Speaker

BY DAVE CROCKER

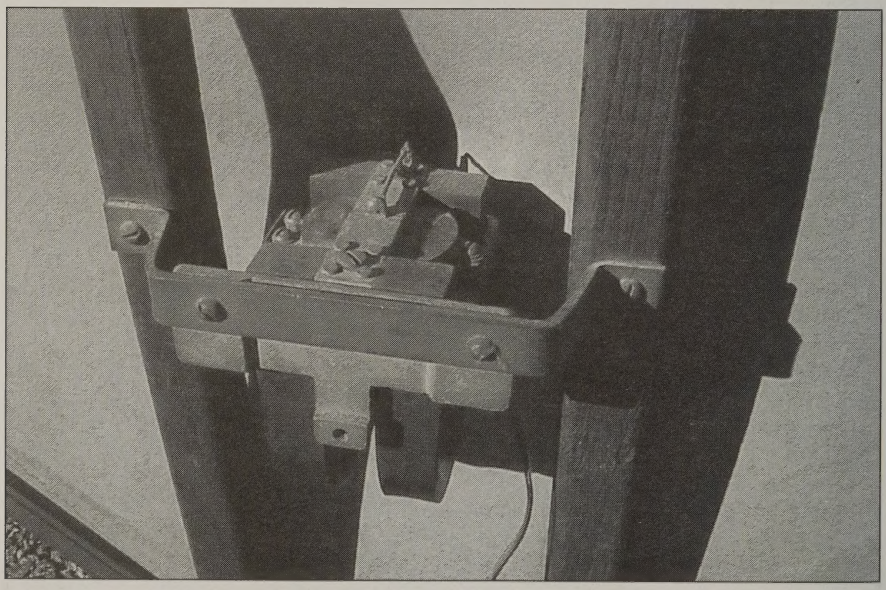
The object of having a radio receiver is to hear what's out there being broadcast. The very first items made to perform this function were headphones, then came the horns, followed by the paper cone speakers. The price range and styles of these cones were broad indeed. Manufacturers design offerings ran the gamut from just plain and simple to ornate, depending on how deep the customer's pockets were.

Paper cones, (of magnetic operation), were the radio speaker of choice from 1924 (by Pathe) to 1928 when AC radios appeared. From then on it was dynamic paper cones, and still is.

Now, when households began buying early receivers and speakers, it didn't take long for the woman of the house to object to those "laboratory" looking devices of home furniture. Eventually she had a say in the choices of radio equipment and slowly the manufacturers began to have a "softer", more decorative look. Hence, fine woods and more appealing designs were in the offerings. So it was with radio speaker designs. And the Air-Chrome Manufacturing Company of Irvington, New Jersey produced cone speakers to please the home decorator of the household, usually the wife.

The octagon table model described in this article is just one of the many "picturesque" designs offered by Air-Chrome. It depicts a rather pastoral scene with a barge passing a village on a river somewhere in Europe. This speaker has no model number, but one similar to it can be seen on page 8 of Buford & Jane Chidester's book "Classic Cones." The unusual thing about this particular cone is that it is a double-cone with a rear-facing working cone employing a balanced tension diaphragm. Also there is a light bulb (10-20 Watts?) inside that makes the front scene come to life in the dark! A truly unique speaker indeed.

The actual image on this one is original and hand painted in oils on the heavy canvas-like, (shellacked linen) material of the cone. Some of the paintings were done after the speak-



The unmarked double magnet driver of the Air-Chrome speaker.

ers left the factory. Many of these were signed by the artist. According to Buford Chidester), the ones that were painted at the factory were not signed. Some even had a silk grille cloth over the front face. There is no artist's signature on this particular painting.

Air-Chrome produced many styles of radio speakers...table models, consoles, wall hangers, as well as stand-alones in Repwood cabinets. Later the Temple Radio Co. of Chicago merged with Air-Chrome and eventually took over all manufacturing. From then on, their speakers were called "Temple-Air." They used drivers from many different companies to power their cones. The driver used here has no name but consists of two rather large U-shaped magnets mounted outside the cones and is attached to the rear supports. The speaker's octagon frame is 20" tall, 5-3/4" wide and stands 21" overall. There is a delicate ornate trim to the front of this frame and everything sits on a wooden base.

This was an amazing find!

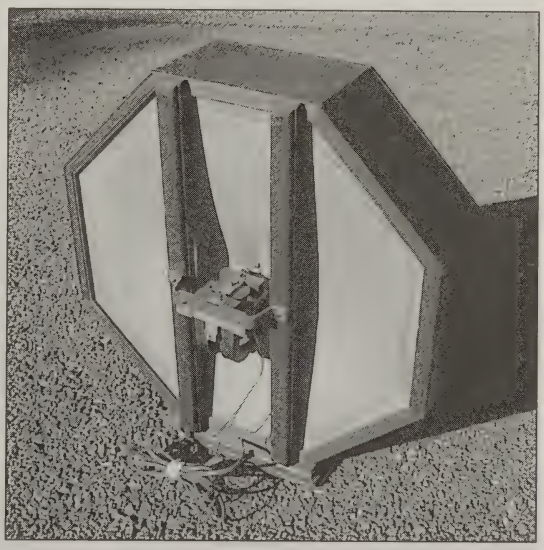
I'd like to thank Rich Elskamp of Marstons Mills on Cape Cod for the loan of the Air-Chrome and Buford Chidester of Mount Wolf, PA for his help in writing this article.

Dave Crocker, a graphic designer who retired from 31 years at Polaroid Corporation, is also a semi-retired member of the A.R.C. staff. Dave has been collecting radios for over 42 years, and many of those years spent researching and collecting radios made by the Crosley Radio Company.

Contact Dave at 35 Santuit Pond Rd., #4B, Mashpee, Cape Cod, MA 02649.

e-mail at Radio-1 @ Comcast.net.

The front of the Air-Chrome cone speaker showing the hand painted scene.



The rear of the Air-Chrome speaker showing the rear unpainted cone.

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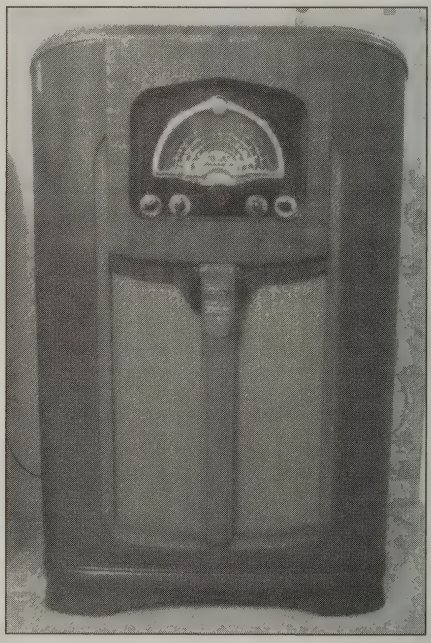
The McMurdo Silver 15-17 Radio Receiver

BY RICHARD MAJESTIC

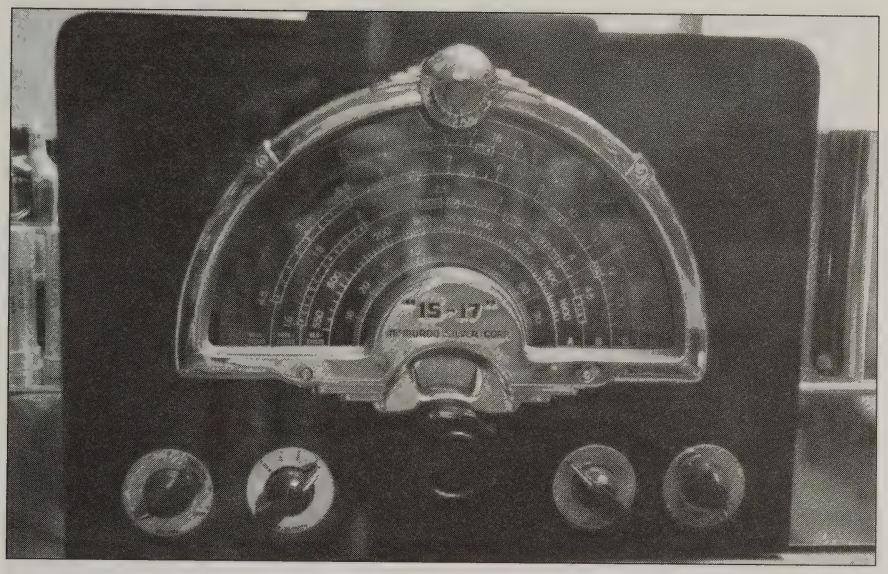
McMurdo Silver had the Howard Radio Company in Chicago, IL manufacture the later run of Masterpiece V, the Masterpiece VI and the Fifteen-Seventeen radios. He continued to use the same cabinet manufacture(s) for consoles and low-boy exposed radio chassis models. After McMurdo sold the company to E.H. Scott in 1938 there were evidently Masterpiece VI and 15-17s manufactured in England through 1939, it's my guess that his dealers in Europe were doing well with these radios, probably selling at higher prices, with many satisfied customers so they found a suitable local manufacturer and used McMurdo Silver's design, we see the same thing happen today.

In November of 1938, McMurdo Silver, Inc., folded and the company assets were purchased by E. H. Scott. Silver joined the engineering Staff of E. I. Guithman, where he designed and developed a very interesting small communications receiver. During World War II, he was employed by Lear Aviation.

The McMurdo Silver Fifteen-Seventeen (model 15-17) was manufactured in U. S. A. in 1937 along with the Masterpiece VI radio and they were the last high-end products from McMurdo Silver made in the US. The 15-17 got its model number from the 15-tube count on a single chassis but had two dual function tubes, the 6H6 dual diode and the 6L7 pentagrid convertor. Its tube complement was: 4ea. 6K7 one RF, two IF and one AVC amplifier; 3ea. 6J5 2nd detector, 1st audio amplifier and BFO; 1ea. 6L7 1st detector convertor/mixer; 1ea. 6J7 lo-



1937 McMurdo Silver 15-17 15 tube, 4-band radio receiver with 15" Jensen A-15 Concert Speaker



Close up of McMurdo Silver 15-17 escutcheon

cal oscillator; 1ea. 6H6 AVC detector; 1ea. 6G5 tuning indicator; 2ea. 6L6G push-pull power output, that are transformer driven; and 2ea. 5Z3G full wave, capacitor input rectifiers.

The McMurdo Silver 15-17 has similar controls and dial to the Masterpiece V and VI. It continuously covers 0.550 MHz to 32.0 MHz in four bands. Band A (MW) - 550 to 1,620 kHz; band B - 1.6-4.7 MHz; band C - 4.5-13.4 MHz; and band D - 10-32 MHz. The 15-17 uses a mechanical clutch and gearing that allows slow tuning for easy SW tuning. The radio also has three IF bandwidth settings, narrow 3 kHz; 8 kHz; and 16 kHz. McMurdo accomplished this by changing the "Q" of the three IF transformers with two additional coils that are connected into the secondary of the three IF transformers, clever and effective but does slightly change the IF center frequency so retuning is necessary for optimal performance. Typically the narrow IF is aligned to 455 kHz for all bandwidths. Check the scope picture taken in the narrow IF selection, with 455 kHz, 80% modulation and the scope looking at the last IF secondary or 2nd detector input. The lack of distortion in the IF amplifier is typical of the McMurdo Silver radios and explains why the radios are a pleasure to listen to as a result of the very low IF distortion resulting in very low distortion in the detected audio.

The 15-17 sensitivity after IF and RF alignment is also typical McMurdo Silver; every band at any place on the dial had 3uV sensitivity for 30dB S/N or 0.9uV for 20dB S/N. 20 dB S/N is very usable for SW use where 30dB is good for wideband MW listening. A note; the local oscillator (LO), a 6J7 had a measured RF output of 5 VPP on all bands, all frequencies, this is typical of good communications receivers not home radios; this is exceptional engineering. The use of a separate pentagrid converter or mixer is another reason the McMurdo receivers have low distortion of the detected audio. The LO drift from turn-on to an hour later was not detectable using a counter on the HP 606A and beating it against the LO.

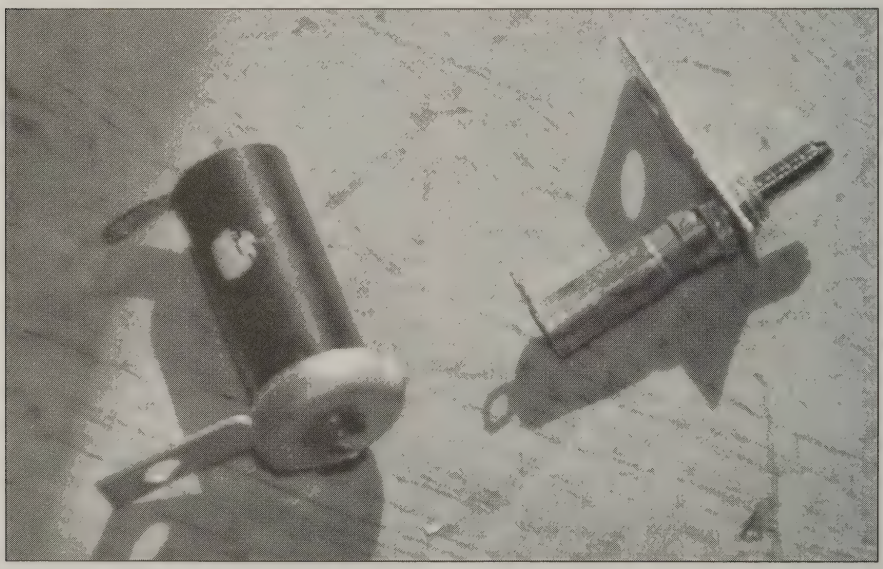
The 15-17 uses a very interesting 2nd detector, a single 6J5 that has B+ (250VDC) on the plate and AC bypassed to ground, the grid is directly connected to the last IF secondary with the other end to ground and the cathode loaded with 50k Ω, a 40k and 10k resistor in series with one end of the 10k at ground and the detected audio taken off the junction. The 15-17 has a high-level phono input on the rear apron and is selected from

the bandwidth switch. The 15-17 audio section uses no bass boost only bass cut control, about 20dB at 40Hz. and uses a large (lots of iron) driver transformer driven by a single 6J5 triode. Another innovative technical feature of this radio is the use of high level negative feedback; the plates of the two 6L6Gs are coupled back to the grids with blocking capacitors and resistors, this maybe a first in high-end radios from the '30s. E. H. Scott never did incorporated negative feedback to reduce audio distortion even in the 800B which was Scott's post war high-end AM-FM radio. Typically the McMurdo Silver receivers measure less than 3% THD from antenna terminals to speaker voice coil. Measure some good radios sometime and you will be shocked at the high audio distortion. While I'm discussing the audio characteristics, the speaker is a 15 inch Jensen A-15 field coil, a felt cone speaker that produces deep bass and good highs without a tweeter. The Jensen A15 speaker is mounted in lined infinite baffle enclosure as part of the Oxford console cabinet. In 1935 McMurdo and Peter Jensen worked together to improve speaker sound and together they developed the closed back speaker enclosure which better loads the driver resulting in better bass response that allowed McMurdo to deliver flatter frequency response that went lower in frequency without distortion or bottoming the voice coil of the speaker driver. If you have ever heard a McMurdo Silver radio you will remember the solid smooth bass response that will go down to 40Hz. with little distortion, it's typical of the Masterpiece V and VI and the 15-17. The Jensen A-15 has three field coil coils in series, the first one acts as a filter choke, the second and third as the voltage divider for the B+ for the RF and IF stages.

The Technical Description of the 15-17 Restoration

Unless I'm told not-too, I start with testing and replacing bad tubes, in the case of this McMurdo 15-17 it included putting in the correct tube types. Someone had substituted a 6K7 for the 6J7 LO stage, which was fine for every band except the 10-32 MHz band, the 6K7 will not oscillate. Since McMurdo correctly puts the LO above the wanted incoming frequency, to minimize images the LO frequency is 32.455 MHz at the 32 MHz end of the high band D.

I moved onto replacing all capacitors removing all orange drop and other radial lead capacitors that belong on printed circuit



I bet some of you recognize the damn piston capacitor above used by Zenith and many more. If bottomed when adjusting the piston comes off and it has to be replaced. The better piston variable capacitor is to the right. I had to replace one in the LO 4.5-13.4MHz. Band.

The McMurdo Silver chrome chassis

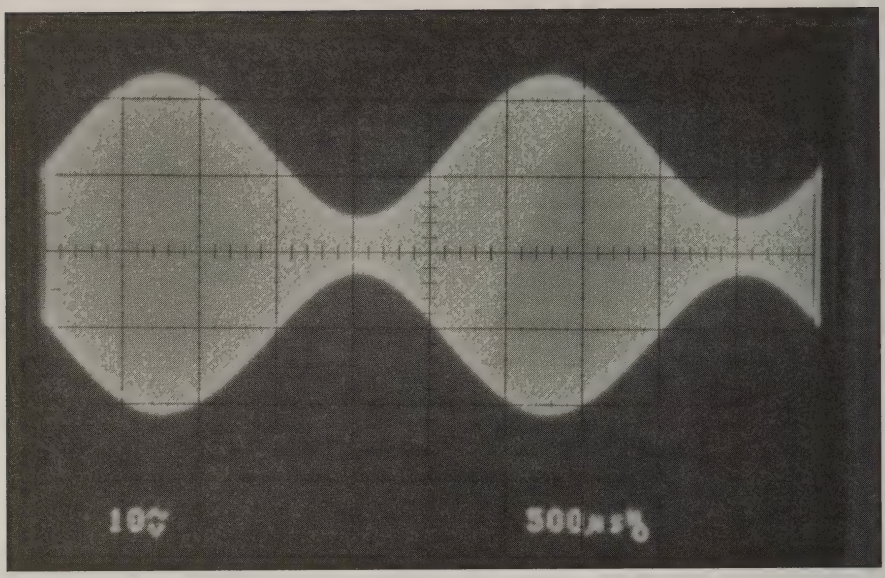
boards not in point to point wired radios. All resistors were measured and those out of tolerance by 10% were replaced and all previously replaced resistors checked against the schematic and replaced if the wrong value. Someone had replaced the common cathode self-bias resistor in the 6L6 circuit with 290Ω 20W when it was originally a 125Ω 10W resistor, that was the only major error, all Allen Bradley 1 and 2 Watt carbon resistors previously replaced were out of tolerance and replaced with metal film resistors. Another problem discovered during the alignment process; when I accidently dropped my RF generator's RF output cable connector on the speaker and drew a good spark, I found that the audio output transformer that's mounted on the speaker had plate voltage near the center tap shorted to the transformer frame putting 360VDC on the speaker basket. The transformer was replaced with a Hammond 125E output transformer.

Intermediate Frequency (IF) Alignment

This is quite simple to do in the 15-17; set the bandwidth switch to 'narrow', feed 455 kHz with 80% modulation to grid (top cap) of the convertor tube, peak all IF tuned coils for max at 455 kHz with the oscilloscope connected to the secondary output of the last IF, the detector input. Keep the IF level below 5VPP to prevent the AVC circuit from causing problems and peak for maximum 455 kHz and minimum modulated sine wave distortion as observed on the oscilloscope.

Now connecting the oscilloscope to the detector's audio output, peak the last IF secondary for maximum audio level, this is necessary because the scope probe capacitance changes the tuning of the last IF secondary. With everything still in place connecting a VOM to the AVC bus adjust the AVC 455 kHz coil for maximum negative AVC voltage, keeping that voltage about -5VDC by adjusting the 455 kHz generator level. Now with the scope back on the last IF secondary do the IF alignment all over again starting with first IF and skipping the last IF secondary. Note: a scope is best way to align the IF for max-gain and minimum modulated distortion, but a good RF generator is necessary, Heath Kit RF generator will not work.

Beat Frequency Oscillator (BFO): alignment is a single adjustment and the adjust-



Oscilloscope image of the 455 MHz IF signal at the secondary of the last IF transformer

ment is made from the rear apron, so with the above RF generator setup, drop the generator level to about 300uV, turn the bass control full counter clockwise to turn on the BFO and adjust the BFO tank for lowest beat frequency as heard from the speaker.

Radio Frequency (RF) Alignment

Local Oscillator: With McMurdo Silver radios I usually do the local oscillator (LO) first, on all bands, starting with lowest frequency band, MW. Connect the RF generator to the antenna terminals, set the level to 100uV, modulation 80%. The MW band with the dial set to 1,400 kHz. and the RF generator set to 1,400 kHz adjust the oscillator frequency trimmer till I hear the modulation tone, then the generator to 600 kHz and radio dial to 600 kHz adjust the padder trimmer until 600 kHz modulation is heard and then do all over again. All SW band except the 10-32 MHz band have the high frequency trim and a low end padder capacitors, using the same approximately dial positions as used in the MW adjustments I perform the same alignment procedure, the high SW band only has the frequency trimmer, I set the generator and dial to 25 MHz and adjust the trimmer till I hear audio, then I check the low end for any error, this 15-17 was right on.

RF Amplifier section: I align each band starting with the MW band; RF generator and radio at 1,400 kHz, I peak the RF amplifier plate tank and then the antenna tank, then I check the sensitivity from the low end of the dial to high end. This 15-17 had the same sensitivity and noise across the dial. If I find that there is an imbalance in sensitivity from one end to the other end of the dial I might just peak the antenna tank at mid band or peak the RF plate at the low end of the dial and the antenna at the high end and this will compromise maximum sensitivity but equalize the sensitivity across the dial in most cases. All three other bands peaked up nicely with uniform sensitivity from one end to the other end of the dial, very typical for a McMurdo Silver radio going back to 1933, when the Masterpiece II manufactured and when I restored mine.

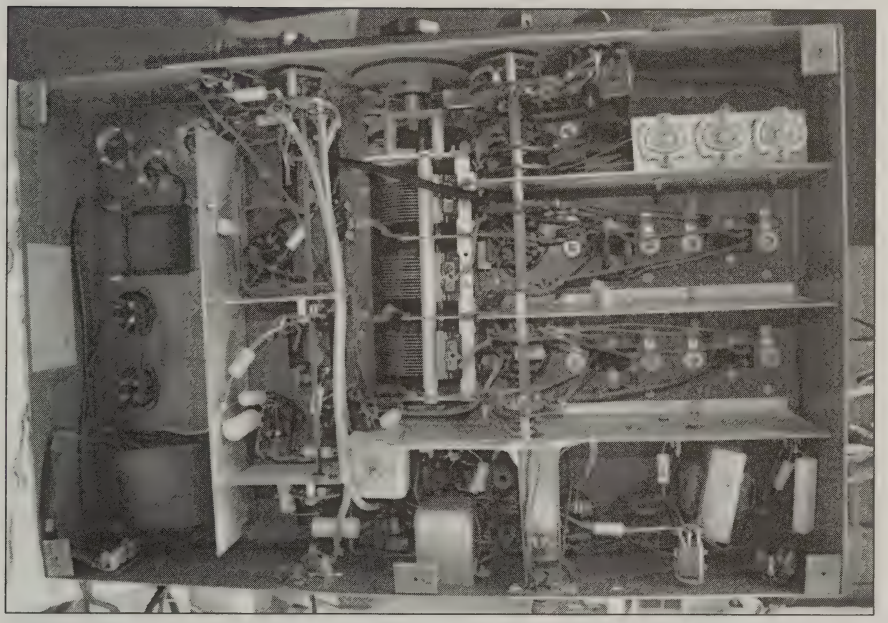
Observation

The McMurdo Silver 15-17 is a very sensitive radio and with the three different audio bandwidth settings and is a very good high fidelity sounding radio. The audio amplifier puts out about 15 Watts with low

distortion and the fine Jensen A-15 speaker makes for great sound. I have a wideband MW transmitter driven by a FM tuner and when the 15-17 is on 16 kHz bandwidth it sounds like an FM radio playing, clean and noise free high fidelity sound. Over all the 15-17 is a better performer than most 12 to 33 tube radios, no brands please.

Once the cabinet is refinished and the radio reinstalled its owner will enjoy this 15-17 for many years. Also, this radio, as are other high tube count radios from the '30s are a pleasure to work on and align, the engineering and build quality is exceptional, as is the performance.

Article written by Richard Majestic who has more than 30 years' experience in broadcast television engineering system design and engineering management. Richard holds ten patents for digital servo system designs, cryogenic instrumentation, and low noise analog circuit designs. Richard and his wife recently unemployed (retired) moved to Las Cruces New Mexico, and is past President of the New Mexico Radio Collectors Club.
(Email) rmajestic@msn.com
Website: http://www.majesticradios.com/



Bottom view of the McMurdo Silver chassis

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The Waves Radio Shop

Waves has something for everyone.

Many of us in the antique radio community know about the Waves Radio Shop located in New York City. Bruce and Charlotte Mager have been located in various locations in lower Manhattan since 1978.

Both of them were born in the Bronx and have been married since 1971. They have 2 children.

They originally started off in business selling sea shells at flea markets. Their first radio acquisition was in 1975 (a Zenith tombstone).

Their first shop was a store front on 13th Street. In 2000 they moved to another store front on 30th Street and to their present location on 25th Street in 2008. The 25th Street location is located in a building dedicated to antiques and is located on the lower lever. With the coming of the Internet, they decided a street store front was no longer needed.

Bruce standing next to one of his display cases.

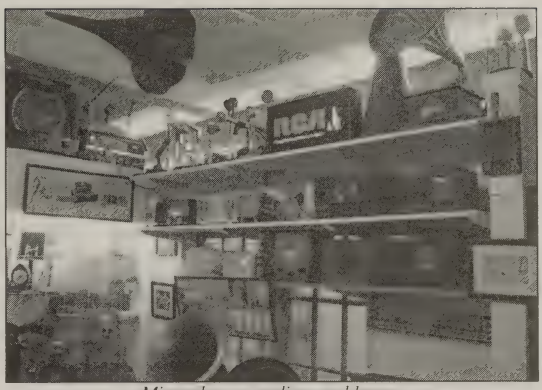
Waves sells radios, TV's, phonographs, microphones, magazines, and parts. Equipment repair is a specialty.

Also, many theater and movie companies come to them to rent items for use in entertainment productions.

Stop by their store when you are in Manhattan.

Waves LLC
40 West 25th Street
Lower Level
New York, NY 10010
212-273-9616
(call before coming)

www.wavesllc.com
wavesllc@gmail.com



Microphones, radios, and horns.

Wall of table top radios.

Attention Subscribers: You can access a color version of this article on the A.R.C. *website at www.antiqueradio.com.*

Rare consoles and signs.

FOR SALE: Vintage 250 transmitter with Meissner signal shifter on 3 foot panel $525. Philip Recupero, 265 Union, St., Portsmith, RI 02871. (410) 847-8589.

FOR SALE: Majestic console radio model 20; Zenith 10A1 console radio $100 each. Both work good with good cabinets. Zenith transoceanic 6T40Z with good 1L6. Works and looks good $70. Ronald Sneperger, 1101 14th St., Mckees Rocks, PA 15136. (412) 771-0993. (412) 445-2896.

FOR SALE: Yaesu FT1000-D. 13 years old. Used only at 100 w output. Includes MS-1 desk mic, MH-1bb hand mike. SP-5 external speaker with LL5 phone patch installed. Kept under dust cover in non-smoking environment. $1500 plus shipping. Everett McCulloch, 1701 Westside Dr., Sherman, TX 75092. (903) 892-9074.

FOR SALE: Coca cola radio with cassette player. New never used. $150 plus shipping. Adrian La Pierre, 1314 E Gardner Rd., Bullhead City, AZ 86426. (928) 758-6352.

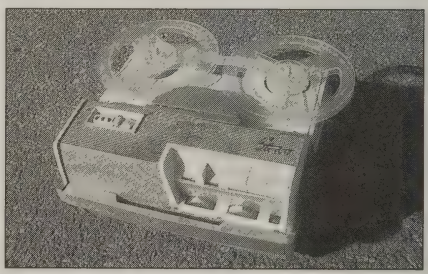
FOR SALE: Atwater Kent 55c chassis with tubes and in working condition $89.95; Harmon Kardon T12 tuner AM/FM working condition with case $39.95; RCA T60 table model with good tuning eye in working condition $49.95. Bob Fuederer, Holly Farm, 813 Route 12A, Surry, NH 03431. (603) 352-3005.

FOR SALE: 2 Grebe type CR9 serial #7290 vario coupler 150-3000 meters $75; McIntosh model C8 audio compensator compact with brass plate; Fisher model 40 FM tuner working very compact has brass escutcheons; Thorola model 57 donut coil (5) nice condition 1920s battery set with 5 01A tubes $50; Phanstiehl 6 tube battery set from 1920s excellent condition $50; 3 Bluebeard crystal sets in crackle finish cabinets; RCA speaker from 1920s beautiful w/ tapestry flower grille excellent condition working $50 & $100; 1 tube radio in beautiful octagon cabinet very small with 199 tube; Hickok model 533A tube checker; Hickok 534B with built in analyzer; Hickok 752A working tube checker; Atwater Kent model 82 cathedral all original working beautiful original grille cloth; Crosley model 150 cathedral all original with grille cloth; 2 Walton 7 tube radios – 1 needs refinishing and 1 is beautiful; US Radio model 9A tombstone with schematic looks great $75; Philco model 90 cathedral very nice; National speaker in black crackle finish cabinet with national n/c monogram on front metal cabinet; 2 Mcintosh MC amps type 116B; Mcintosh A121 6 watt amp; 2 Zenith console radios 12S445 and 12S370 working complete original grille cloth. Bill Kalcik, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855.

FOR SALE: RCA master VOM with probes excellent; Simpson 260 needs repairs; Seco 88 tube tester; 2 GM auto radios 1971-1972; pick up arm for wind up phonograph, Philco 37-630 parts chassis. Robert Rossi, 10936 Melbourne Ave., Allen Park, MI 48101. (313) 386-8321.

FOR SALE: Audiomatic record player P-702 $20; Freshman Equaphase G1 $25; Ross RE600 AM/FM/SW $35; Automatic CL-152 clock radio $25; Kenwood 5 disc CD player DP-R896 $45; Dumont 304A scope with manual $30; General Electric 440 $30; Sandborn Electrophrenic Repsirator 255 $35; Delomico FMS-411 11 tubes $20; Assortment of tubes and literature. Paul Lisowski, 5603 E 100 N, Knox, IN 46534. (574) 772-2021.

FOR SALE: Popular Communications magazine: 1994, 1996, 1997, 1999 full year $5.50 per year, 1998 all except March $4, 2002 Jan through Aug $3, March 1992 $.50, 1986 Sept and Oct $.50 each. Giles Cabtree, Box 110, Lewisburg, PA 17837.



FOR SALE: Wollensak Model T-1500 reel-to-reel tape recorder. This is their top of the line model. Clean, complete & working. Included is the original top cover, microphone, power cord and copy of the instructions. $38.00. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, Cape Cod, MA 02649. Tel. (508) 477-1578, before 9 p.m. EST please. Thanx.

FOR SALE: Hallicrafters communication receiver model S20 Sky Champion (1938) works top panel and back panel missing. Al other parts present. Front panel and graphics good condition. Main tuning dial fair condition. Fine tuning poor condition. Speak need reconing. $75 plus shipping. Dick Enos, 1212 Bryn Mawr Pl., Denton, TX 76201. E-mail: reeare@verizon.net.

FOR SALE: Used test good USA: 12AY7 $6, 6EU7 $7, 6CA4 $7, 6DQ5 $5, 27 $5, 6SN7GTB $5, 6V6GT $6, 6F6 metal $4, 6F6GT $10, 5Y3GT $5, 5U4GB $3, 80 $6, 6JE6/6LQ6 $6. Call for other types. James Lopaz, 5467 S. 975 E., Ogden, UT 84405. (602) 373-4002.

FOR SALE: Zenith TO's: models 1000, 3000, H500, B600, and lots of other Zeniths. Also RCA 7BX10. Ted Ferrell, 605 Mahlon Ln., Woodstock, VA 22664. (540) 459-2487. E-mail: ferrells@shentel.net.

FOR SALE: Radiola II 2 tube portable regenerative radio in excellent condition. New UV-199 tubes and original 3 to 1 audio transformer (flat response UV712). Baldwin mica diaphragm phones included with frayed cords. $325 plus s/h. Charles Kirsten, 12731 Spring Mountain Dr., Rancho Cucamonga, CA 91739. (909) 803-2447.

FOR SALE: Television repair equipment and some tools. Load your truck with all for $250 or $20 each piece plus postage. Virginia Chen, PO Box 824, Laird Hill, TX 75666. (903) 984-4259.

FOR SALE: Airline DC-6 battery set, Kennedy 66B chassis, AK 55C chassis, GE model 250 fliptop with wet cell, Philco 42-355, Record players for: Sparton model 7-46, for Magnavox model 43 (CR-151, CPAR389), Girrard Model RC-80M. John Zima, 1360 Reed Rd., Churchville, NY 14428. (585) 293-3023. E-mail: jfz_rhy@yahoo.com.

FOR SALE: Complete working chassis with knobs and tubes for Wards Airline 6 volt 62-288 $25. Parting out 1949 Silvertone 8102 wire recorder console; everything except cabinet $20. Over 140 back issues of ARC from 2000 up $20. All plus S/H. Francis Mannino PO Box 207, Newtown Square PA 19073. E-mail: suesam1956@verizon.net.

FOR SALE: Hammarlund Roberts console radio and/or chassis (early model, 1920's w/ AC supply), Hammarlund Comet Console (nice radio w/flip open top), Philco consoles 1930's (several available) Radiola 17, 18, others parts sets too, many chassis, speakers, tubes and parts. Send me your updated "want" lists. Buying radio collections, leftovers and accumulations, vintage amps, tubes and Hi Fi too. Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508. E-mail: radiowilbur@frontiernet.net.

FOR SALE: Readrite tester early type metal case flat, no cover model 600 has three meters two test sockets. types #27 & WD11 style $30; AK model 40, very good case with brass emblem and tubes type E speaker a clean set $100; transistors RCA model 1–BT–32 trans–charg Deluxe super clean has lucite battery case no charger $65; Conion 8tr, model CR-18 #109 with case radio clean no c/c two tone grey $30.Can send photo. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. E-mail: bernies@samnet.net.

FOR SALE: Now on website, V-M tone arm rest posts! Motor mounts and chassis mounting cones for RCA and V-M 45 players. Phono and tape recorder wheels, belts for most brands. Phono needles, cartridges, 45 adapters, centerposts. AC cords with plugs for record changers! Gary Stork, 37530 E. Meadowhill, Northville, MI 48167. (248) 478 0990. Visit www.thevoiceofmusic.com or email info@thevoiceofmusic.com

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FOR SALE: Complete set of Riders Perpetual trouble shooters manuals volume 1 to 23. Sold as a set only $350. Pick up only. Rich Stamer, 331 Virginia Ave., Collingswood, NJ 08108. (856) 869-0238. E-mail: soundremedy@aol.com.

FOR SALE: Original Manuals: Heathkit, Allied Knight-Kit, EICO, Radio Shack, Precision, Accurate, Hickok, Jackson, B&K, Hammarlund, Hallicrafters, Sprague, RCA, Triplett, Simpsom, Lafayette, EMC, Supreme, Ameco, Harvey-Wells, Pierson, Dumont, National, RME, Paco, Meissner, Collins, Echophone, Gonset, Howard, Morrow, Sonar, Barker & Williamson, Multi-Elmac, Regency, Monitoradio. A. J. Bernard, PO Box 690098, Orlando, FL 32869. (407) 351-5536. E-mail: ni4q@juno.com.

FOR SALE: American Bosch console radio Model 58, 1930's serial no. 47967 44"Hx28"Wx13"D, $40 obo, see pictures at, www.buyat.20m.com. Alex Taranko, 3515 Old Yorktown Rd., Yorktown Heights NY 10598. (914) 962-2350. E-mail: sci983art@aol.com.

FOR SALE: See items at http://antiqueradioexchange.com/ sold by richsequip, most listed under TEST EQUIPMENT with photos & detailed descriptions. Many seldom offered for sale & going back as far as 1936. Richard Flaws, 212 Mondovi Dr., Oswego, IL 60543. (630) 554-9207 (Before 9pm CT). E-mail: flaws2@att.net

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FOR SALE: Antique radio schematics $4, TV $5 postpaid. Joseph R. Forth, 119 Long Vue Acres Rd., Wheeling, WV 26003.

FOR SALE: Crosley 52-SD w/ 3 Cunningham 199 tubes lid top left need a little work; Motorola M-68 L11 ch HS-119 cosmetics good $35; Sanyo M-RP1250 3v transistor w/ strap yellow good cosmetics Hong Kong $12; Bulova M-2YO-23 bc/sw red/ivory/chrome Japan heavy good condition chassis clean $40; Prcor Micro M-550 w/ box color green very clean $15. Can send photos. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. E-mail: bernies@samnet.net.

FOR SALE: Books on Wireless & Pre 1920 Radio, Medical Electricity and X-Rays. Also books by and about Nikola Tesla and Tesla Coils. To see our listings, visit our web page www.beqbooks.com Direct orders get 10% discount. BEQUAERT OLD BOOKS, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448. E-mail: info@beqbooks.com

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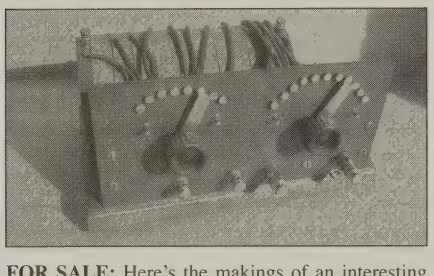
FOR SALE: FSOT, CMPD, FOR SALE OR TRADE, CONSIDER MERE PAPER DOLLARS!: Heathkit DX 100 super clean original outside and inside; Heath Apache also very nice; BC 375 E working with several tuning units and PE 73 Dynamotor/cables. GRC 9, very good, working with DY 88, cables, and T17 mic. All you need is a ticket. Hammarlund SP 600 in case, very nice, works fine; HRO RAS Navy version, several coils and power supply; BC 654, nice all original and working, also have new/old stock PE 103 Dynamotor; Collins 323 V nice, working; BC 669 transceiver with original power supply; Drake TR7 with PS 7, very nice and working; HRO 50T1, rackmount, nice working, have several coil sets; HRO 50T1 cabinet model, has been recapped, was working fine, now need to find error in recapping! Several coils available. HRO Senior rackmount power supply, several coils; Webcor 210-1-C collectible early Webcor wire. ALWAYS BUYING: Early and interesting wire and tape recorders, disc cutters, broadcast and recording mics, tube pre-amps, compressors, early hi-fi, cash or trade for any of above. Prefer pick-up on heavy items, but can ship. Ward Kremer, KI4JHA, 57262 Poppy Rd., South Bend, IN 46619. (574) 204-2877. E-mail: witzend99@comcast.net, website: http://www.radioattic.com/kremer



FOR SALE: Here's the makings of an interesting crystal set. All the complex wiring is done, you just supply the detector, $19. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, Cape Cod, MA 02649. Tel. (508) 477-1578. before 9 p.m. please. Thanx

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FOR SALE: Federal 8, 9, 55, 56 reproduction cabinets. For details, contact John Terrey, Old Tech – Books & Things, PO Box 803, Carlisle, MA 01741. E-mail: jvt@oldtech.com.

FOR SALE: Huge Quantities, Tubes, Picture Tubes, Needles, Cartridges, Zenith Parts, Semiconductors, Data, Radios, Phonographs, Televisions and Test Equipment. Collector, Restorer and Volume Pricing. Sales support our self-funded Sunshine Radio Museum. Ray Seppeler, SunRad, 8 East Main St., Sodus, NY 14551. (315) 483-8451. E-Mail: sunshine.radio@sunrad.com. Web: http://radios.sunrad.com.

FOR SALE: 1947 Scott Radio Labs 800B AM/FM/SW receiver. Two chrome-plated chassis, 24 tubes and motorized push-button tuning. Works, but speaker is not original field-coil type, and phono turntable & pre-amp removed. Original mahogany veneer Chippendale cabinet. Comes with copies of Scott, Sams & Rider documentation. $495 plus shipping (buyer-pickup preferred). Photos available via e-mail, if requested. Ken Higgins, 6304 Pine Slash Rd., Mechanicsville, VA 23116. (804) 559-0083. E-mail: k.s.higgins@comcast.net.

FOR SALE: Philco model 91 chassis complete with tubes and large 3-tube shield and tuning shadow device. Clean, original, no usual Philco chassis corrosion. With knobs and the original two speakers (if desired) Has newer filter capacitors cans properly installed. $60.00 OBO. David Boyle, 303-681-3258; djboylesr@msn.com

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FOR SALE: Eico 221 Electronic Voltmeter Ohmmeter as is, untested, one test lead not original, one test lead missing, copy of manual, $17,4 used 6V6GT used tubes $10, 3 used 6SN7GT $10, R S swr meter, $10, 6 NOS VR 150 military tubes, $10. James S. Looney, 1135 Harman Jct Rd., Grundy, VA 24614. (276) 531-8677. E-mail: mowman2003@yahoo.com

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FOR SALE: New list of German table top radios. Excellent to near mint examples and affordable prices. Grundig, Telefunken, Saba, Blaupunkt, etc. Parts too. Ed Kalpa, 4622 Melbourne Ave, Los Angeles, CA 90027. (310) 795-7925.

FOR SALE: WW2 aviation electronics, differential microphone by ElectroVoice, coiled cord, PJ 968 plug, FAATC RM 1040A; Headphones, Telephonics Corporation TH37B, fabric covered cord, PJ 055 B plug, M301 ear pads, $32 postpaid to US. Henry Loos, 542 Tomahawk Ct., Palm Beach Gardens, FL 33410. (561) 352-8172. E-mail: hcloos@comcat.net.

FOR SALE: Original Manuals: Heathkit, Allied Knight-Kit, EICO, Radio Shack, Precision, Accurate, Hickok, Jackson, B&K, Hammarlund, Hallicrafters, Sprague, RCA,Triplett, Simpson, Lafayette, EMC, Supreme, Ameco, Harvey-Wells, Pierson, Dumont, National, RME, Paco, Meissner, Collins, Echophone, Gonset, Howard, Morrow, Sonar, Barker & Williamson, Multi-Elmac, Regency, Monitoradio, Olson, others. A. J. Bernard, P.O. Box 690098, Orlando, FL 32869. (407) 351-5536. E-mail: ni4q@juno.com.

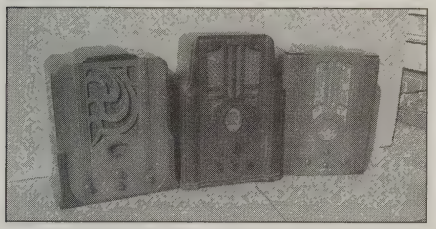
FOR SALE: Saba 300 Automatic 10T motorized BC/SW/LW/FM parts radio. Cabinet in fair condition. $60 plus shipping or will part out. Jerry Wieland, 780 Charleston Ln., Hoffman Estates, IL. 60192. (847) 337-8684. Email: jeromewieland@comcast.net WEB: http://home.comcast.net/~jeromewieland/site/

FOR SALE: Navy "LM" Heterodyne frequency meter type CRR-74028 with calibration book and case CRR-10111, Atwater Kent 20, RCA 100A speaker, Panasonic RF-2600, American Bosch 28, Silvertone 4720 (battery). John Zima, 1360 Reed Rd., Churchville, NY 14428. (585) 293-3023. E-mail: jfz_rhy@yahoo.com.

FOR SALE: Are you into early TV? If so I have rider early TV manuals two tube caddys full of boxed TV and radio tubes test equipment TV books. Howard Felder, 7517 Granada Dr., Bethesda, MD 20817. (301) 320-3028.

FOR SALE: Idler wheels for all brands of record players. Tape recorder wheels and rollers too. Recently expanded selection and now, many can be purchased without a trade in! Large needle selection (including 78 rpm tips!). Changer power cords with Amplock or Molex plugs. Many more phono /tape recorder parts. Gary Stork, 37530 E. Meadowhill, Northville, MI 48167. (248) 478 0990.Visit www.thevoiceofmusic.com or email info@thevoiceofmusic.com.

FOR SALE: Zenith Transoceanic Parts sets. Claude Chafin NØFMO, 4223 E 42nd ST Way, Independence, MO. 64055. (816) 478-3391.



FOR SALE: Tombstone Territory!. Take your pick of a group of radios found in an old Vermont barn (no joke). Westinghouse WR-203, 1935, 6 tubes, $105; Philco 620, 1936, 5 tubes, $85; Westinghouse WR-205, 1935, 8 tubes, $95.All are in fairly nice condition, no bad cabinets, unchecked circuits. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, Cape Cod, MA 02649. (Have others). Tel. (508) 477-1578, before 9 p.m. please. Thanx.

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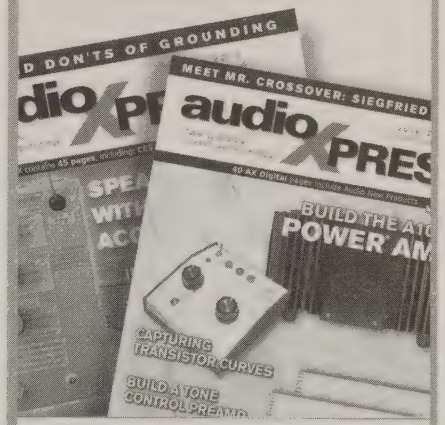

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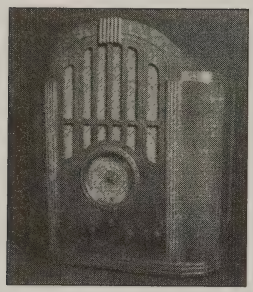

WANTED: (Photo above) RCA 143 tombstone. Mark Murphy, 931 Village Blvd., Ste. 905-381, West Palm Beach, FL 33409; (561) 801-1478; E-mail: markmmurphy@att.net.

WANTED: For my Pilot TV37 TV: on/off knob, contrast knob, owners manual, original carrying case, and the magnifying lens. Gregory Parker, 1005 Sulphur Springs Rd., Irving, NY 14081. (716) 549-7223.

WANTED: Collins 51S1 receiver and Clegg Interceptor receiver. Jack Troup, 15 Rica Vista, Novato, CA 94947. (415) 897-3987.

WANTED: Six inch car speaker with a 4 ohm field coil. Voice coil at 3.2 ohms. Lee Elkins, 3016 Jasmine Rd NW, Carrollton, OH 44615. (330) 627-4922.

WANTED: Zenith 807 chassis and speaker; Sams 31 & 34; repairable chassis, speaker, and knobs for Crosley 124. Ye Olde Radio Shoppe, 228 Beck Rd., Avon Lake, OH 44012. (440) 933-5668. Fax: (440) 933-8864. E-mail: yeolderadioshoppe@oh.rr.com.

WANTED: RCA Senior Volt Ohmyst WV98C owners manual, test probe, and cable assembly. Crosley items 1920s to 1950s. Michael Morrell, 70 Brumley Dr. N., Greeneville, TN 37743. (423) 639-8381.

WANTED: Radio Hat (see cover of August 2012 ARC). I will pay $250 for a complete one in good condition. I would love to add a Grebe Dr. Mu tombstone to my collection, whatcha got? Curt Schreiber, 3923 E. Latoka St., Springfield MO, 65809. E-mail: Curtradio@aol.com.

WANTED: Looking to buy shortwave/ham/cb radio collections, any condition in NY tri-state area, cash paid ASAP. Juan Remus KC2ZTE, 2 Springbriar Ln., Kings Park, NY 11754. (631) 697-5850. E-mail: stocpro47@yahoo.com

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WANTED: Stereo/Hifi/Commercial Tube Gear, Amps/Speakers/Parts/etc, Guitars, Guitar amps/Pedals/Parts, Tube Testers and Audio Tubes. Sonny Goldson, 520 Pocahontas Dr., Fort Walton Beach, FL 32547. (850) 314-0321. E-mail: sonnysound@aol.com.

FOR SALE/TRADE: Classic Hi-Fi era speakers, one ea.: Bozak 302A, Electro Voice "Marquis", Electro Voice "Klipch" style corner horn with brass bars on grille, all loaded with 12' drivers / tweeters sounding great - possible radio show delivery. See my previous ads for many great consoles still available. **WANTED** Airite/Kadette Deskset and/or pen & clock. C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019 evenings. E-mail: ken@kennevins.com.

WANTED: Federal or Kellogg restorable radios from the early 1920's, e.g.: Federal 59, 110, etc. **SERVICES:** Tube radio and instrument repairs for the Rocky Mtn. region. Selection of restored and calibrated radio/TV repair instruments for sale. David Boyle, 1058 Colt Cir., Castle Rock, CO 80109. (303) 681-3258. E-mail: djboylesr@msn.com.

WANTED: Owners manual or copy for Olson signal generator model TE-188.Martin Gottstine, 3882 N. Boston Rd., Eden, NY 14057. (716) 202-4575. E-mail: amflyer1956@roadrunner.com.

WANTED: Looking for the original cone and good driver for a "Tower Castle cone "speaker , must be in very good condition, I have a beautiful frame in original condition but thats all I have. Would love to see it back togeather as it was 80 years ago. Also need the complete horn speaker for a "Radiola Grand" .Thanks for your help in finding these. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. E-mail: ye_ole_man@comcast.net.

WANTED: AMARD Radio and any Amrad item ARC, SPARK Atwater Kent, Speaker with ship or Dragon in them. Mark Doty, 761 Sycamore Dr., Port Hueneme, CA 93041.

WANTED: Volumes 1, 3, 4 and 5 of Rider's Basic Electronics (1955). Jason Wiles, 130 Clocktower Ln., Harrisville, PA 16038. Email: jason@wileselectronics.com.

WANTED: Motorola 53H, prefer any color other than black. Restored or restorable condition. Top dollar paid for quality set. Needed as a special gift for someone who grew up with that radio. Jeff Heller, 25315 Terrace Arbor Ln., Katy, TX 77494. (281) 702-6920. E-mail: hellerj1@comcast.net.

WANTED: Vintage Movie Posters, Lobby Cards, still photos, Live Music Posters. All Sizes, Any Condition. Will buy entire collections! Ralph DeLuca, 157 Park Ave., Madison, NJ 07940. (800) 392-4050. E-mail: Ralph@ralphdeluca.com.

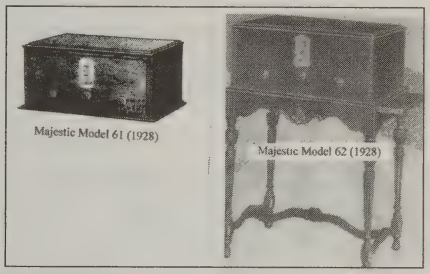
WANTED: Philco Chevron Grille Cloth, Silvetone 1650 speaker, Zenith 12 S 265 outer dial shell, Silvertone 4792 dial bezel & Insert, Breting 14 cover. Keith Park, 31 Barkwood Ln, Clifton Park, NY 12065. (518) 373-0417. E-mail: topnotch@nycap.rr.com.

WANTED: Rider's Basic Electronics (1955), Volume 4. Also looking to buy fixer-upper tombstone, table and cathedral radios (ham gear also) in the Pittsburgh, PA and Youngstown, OH regions. Send me a list of what you have. Jason Wiles, N3JAW, 130 Clocktower Ln., Harrisville, PA 16038. Email: jason@wileselectronics.com.

WANTED: Motorola 47D1 or D2 for Philco Chairside 801-A. Good Condition. Derek Ross, 19200 Space Center Blvd. #2621, Houston, TX. (832) 483-9819. E-mail: allenross04@yahoo.com.

WANTED: Dial wheel for Crosley model 41S. This radio used the 73 chassis, A vintage TRF radio. Still looking for non working ARC-5 Command Radio Receivers, complete or incomplete. Thank you. James Inglett, 94 Leawood Dr., Midway, AR 72651. (870) 620-0075. E-mail: jims75@suddenlink.net.

WANTED: Do you have so many vacuum tubes that you don'y know what to do with them? Before you trash those tubes call me and I'll try to find a home for them. Jeff Arndt, 4021 S Parker Way, De Pere, WI 54115. (920) 323-6789.



WANTED: Grigsby Grunow (Majestic) AM radio models 61 & 62 (1928). Reward: $100 finder's fee, paid at time of sale, to person finding either of these radios. These radios may be in any condition, working or not working, for a refurbishment project. Contact Richard Blum with your "find" at PO Box 2626, Palos Verdes Peninsula, CA 90274. E-mail: richieraider@juno.com.

SERVICES: Repairs to vintage tube equipment including home receivers, phonographs, and auto radios. South Bay Radio, 7187 Lakeshore Rd., Cicero, NY 13039. (315) 699-7341.

SERVICES: All American table radio restoration specials: 5-tube $49.99; 6-tube $59.99. Other flat rate restorations for larger radios, car rdios & TVs. Send E-mail, write, call, or visit my web sites for details. Dave's Antique Radio and TV Restorations, PO Box 285, Liverpool, NY 13088. E-mail: dave2@dreamscape.com or dave2@tubesandtransistorsandmore.com. Web sites: www.dreamscape.com/dave2/daves.htm or www.tubesandtransistorsandmore.com. (315) 944-0265.

SERVICES: Logan's TV & Radio Repair. Logan's has over 3,000 rare radio tubes for sale. We also repair old radios, through our repair and ship service. Please contact: George for further details at Logan's, Rear 526 Mt. Pleasant St., Greensburg, PA 15601. (724) 836-2163 or (724) 837-5580.

SERVICES: Since 1987 Sound Remedy has specialized in reconing vintage loudspeakers used in antique radios, automobiles, jukeboxes and musical instruments as well as stereo and high-power Pro speakers. Our repair work is meticulous and guaranteed. Contact Sound Remedy, 331 Virginia Ave, Collingswood, NJ 08108. (856) 869-0238. E-mail: soundremedy@aol.com.

SERVICES: Do you need your test equipment repaired or calibrated? I can help. Very reasonable rates. Rod Galloway, 2961 SE 152nd Ave., Morriston, FL 32668. (352) 528-9499. E-mail: rodgall@wildblue.net

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SERVICES: Antique Radio of Iowa & vintage furniture restorations. All bands electronic chassis repair. Sorry, no foreign units or conversions. Speaker service wood & veneer cabinet restoration. Plasti/bakelite repair and painting. Vintage auto radio repair. Tybe hybrid, all transistor, 8 track, 1930s to 1960s. Check out my eBay Store: iowacollectablesusa. PayPal and cashiers check welcome. 7 days a week. Don Nordboe, 3131 Avenue A, Council Bluffs, IA 51501. (712) 322-2255. E-mail: dnordboe@aol.com. Web: www.antiqueradioofiowa.com

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SERVICES: Repair of old radio, car radio, audio, stereo. Free estimate, reasonable cost, #1 Google "Vintage Hi-Fi repair". Mike Urban, 37 Elm St., Windsor, CT 06095. (203) 877-2409. Web: www.urban-antiqueradio.com

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SERVICES: Tube radio and some instrument repairs for the Rocky Mtn. region. For Sale: Selection of repaired, refurbished, and calibrated radio and TV test equipment. Includes RCA, EICO, Heathkit, PACO, etc. David Boyle 1058 Colt Cir. Castle Rock, CO, 80109, (303) 681-3258, djboylesr@msn.com

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SERVICES: Utah Reconing your full service speaker reconing and repair shop. Fast turn around specializing in antique radio speakers as well as a full service reconer. 22 years experience, reasonable prices, quick turn around. Matt Shelton, Utah Reconing, 7120 Camelot Way, West Jordan, UT 84084. (801) 694-0166. E-mail: redmatt2@juno.com.

SERVICES: Northern Arizona sales, service, and parts for tube radios, amplifiers, auto radios. Vintage Radio, 440 W. Palomino Dr., Chino Valley, AZ 86323 next to our Radio Shack store. (928) 636-5140. E-mail: info@azvintageradio.com. www.azvintageradio.com.

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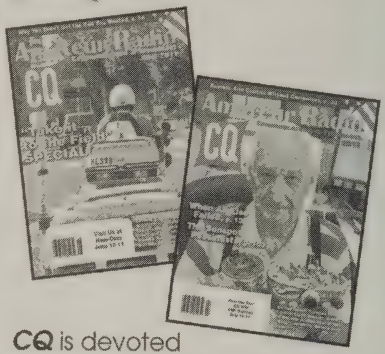

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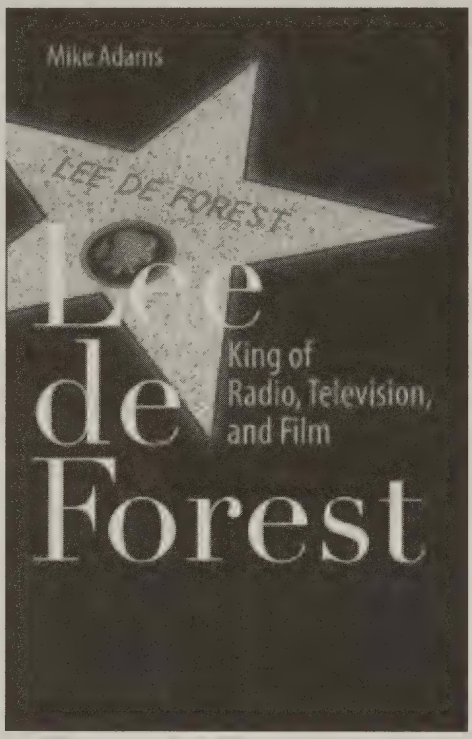

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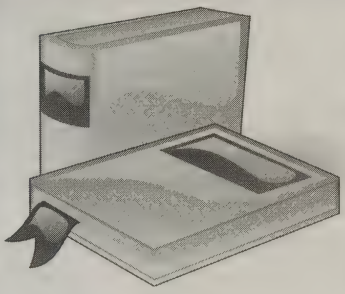

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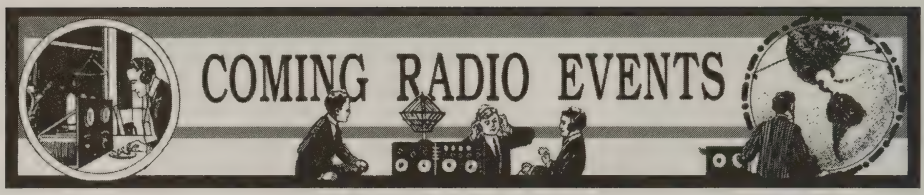
Magnetic Detector
Type 122-SOLD

RCA Items
106D (Factory Conversion from 106C)



CALIFORNIA – October 6
CHRS CENTRAL VALLEY CHAPTER
Swap Meet – 9:00am
Turlock Fairgrounds, 900 N. Broadway
Info: www.californiahistoricalradio.com

PENNSYLVANIA – October 6
PITTSBURGH ANTIQUE RADIO SOCIETY
Club Meeting – 10:00am to 2:00pm
Streamline Radios – Radio Clinic
Brentwood Presbyterian Church
3725 Brownsville Rd., Brentwood, PA
Info: Chris Wells (724) 942-1113,
Regis Flaherty (724) 969-0643
Web site: www.pittantiqueradios.org

OREGON – October 6
TUBE COLLECTORS ASSOCIATION
TCA Member Meeting – 8:00am
Old Sams Valley School
Gold Hill, OR
Info: www.tubecollectors.org

NEW YORK – October 7
GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION
Swap Meet & Meeting
Long Island, NY - Seaford Train Station
Parking Lot 7 am - 11 am
Info: Jim Koehler - (516) 623-0035
Rich Lee - (914) 589-3751
Web site: www.nyantiqueradio.org

ILLINOIS – October 7
ANTIQUE RADIO CLUB OF ILLINOIS
Outdoor Swap Meet 7:00am – 11:00am
Inside Business Meeting/Elections 10:00am
American Legion Hall, Carol Stream, IL
Info: www.antique-radios.org

GEORGIA – October 8
SOUTHEASTERN ANTIQUE RADIO SOCIETY
Meeting – 6:30pm
Norcross, GA - Fire Mountain Rest.
Jimmy Carter Blvd.
Info: Rich Rodgers - (678) 591-3619
web site: www.sarsradio.com

OHIO – October 9
SOCIETY FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE (SPARK)
Meeting Kettering, OH
Parkview Comm. Ctr
4100 Glenheath 7:30 pm
Info: Dan Casey (513) 265-8466
E-mail: dansradioland@gmail.com

MISSOURI – October 9
ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS
Meeting Kirkwood, MO
Kirkwood Comm. Ctr
111 S. Geyer Rd., Room 201-A
7:30 pm Meeting, Show & Tell, Swap Table
Info: Joe Tauser - (314) 616-0745
joe@jtauser.com
Web site: www.archradioclub.com

PENNSYLVANIA – October 9
DELAWARE VALLEY HISTORIC RADIO CLUB
Monthly Meeting – Obscure Brands of Radios – 7:30pm
Telford Community Center, Telford, PA
Info: www.dvhrc.info

CONNECTICUT – October 13
MUSEUM OF RADIO & TECHNOLOGY
Fall Traders Show & Auction
1640 Florence Ave., Huntington, WV
Info: 304-525-8890
Web Site: www.mrtwv.org

OKLAHOMA – October 13
OKLAHOMA VINTAGE RADIO COLLECTORS
Swap Meet and Auction – 8:00am
Midwest City
Midwest Community Center, 100 Midwest Blvd.
Info: Jim Collings - (405) 755-4139
jrcradio@cox.net - www.okvrc.org

TENNESSEE – October 13
NASHVILLE MUSIC CITY VINTAGE RADIO CLUB
Fall Indoor Swap Meet – 7:00am to 12Noon
Nashville, TN
Associated Builders & Contractors Building
1604 Elm Hill Pike
Info: Larry Chambers (615) 355-2005
Kelton Trammell (615) 962-4310
E-mail: rktramm@aol.com
Web site: www.musiccityvintageradio.org

FLORIDA – October 15
JACKSONVILLE ANTIQUE RADIO SOCIETY
Monthly Meeting 1:30pm
Countryside Village Clubhouse,
19060 Beach Blvd.
Info: Sean Olin – (904) 386-8332
Web Site: www.jarsradioclub.com

OHIO – October 17
CINCINNATI ANTIQUE RADIO SOCIETY
Club Meeting
Fairfield Pavillion, Rte 4, Fairfield, OH
Info: Bob Pohl E-mail: bobpohl@fuse.net

NEW YORK – October 19
HUDSON VALLEY ANTIQUE RADIO & PHONOGRAPH SOCIETY
Club Meeting
Episcopal Church of Suffern
65 Washington Street 7:30pm
Info: Dale Cranston (845) 357-1615

MISSOURI – October 20
MID AMERICA ANTIQUE RADIO CLUB
Auction – 10:00am
Hickman Mills Community Christian Church
5809 East Red Bridge Rd., Kansas City, MO
Info: Bob Lutz (913) 634-0816
Web site: http://sites.google.com/site/midamericaantiqueradioclub/

TEXAS – October 20
VINTAGE RADIO & PHONOGRAPH SOCIETY MEETING
Senter East Building – 1:00pm to 5:00pm
Irving, TX
Info: (817) 292-7435
Web Site: www.vrps.org

TEXAS – October 20
TEXAS ANTIQUE RADIO CLUB
Meeting, Schertz, TX – VFW Hall – 2pm
Info: Ed Engelken - EdEngel@gvtc.com
(830) 899-3864
Web Site: www.gvtc.com/~edengel/TARC.htm

ALABAMA – October 22
ALABAMA HISTORICAL RADIO SOCIETY
Meeting, Birmingham, AL
Alabama Power Bldg.
1801 Abraham Woods Blvd. – 7:00 pm
Info: Dee Haynes (205) 841-4630
www.alabamahistoricalradiosociety.org

VIRGINIA – October 23
TIDEWATER ANTIQUE RADIO & PHONOGRAPH ASSOC. (TARPA)
Club Meeting – 7pm
Norfolk, VA – Pretlow Library, Ocean View
Info: Barry Callis (757) 427-9667
E-mail: betty3689@aol.com

KENTUCKY – October 27
MID-SOUTH ANTIQUE RADIO COLLECTORS
Fall Meet
Lexington, KY
Collectors Gallery, 835 Porter Place
Info: Terry Layman
E-mail: layvinrad@insightbb.com

TEXAS – October 27
HOUSTON VINTAGE RADIO ASSOCIATION
Monthly Meeting – 9:30am
Bayland Park Community Center
6400 Bissonnet, Houston, TX
Info: Bill Werzner (281) 721-2242
E-mail: werz1943@gmail.com
Web Site: www.hvra.org

NEW YORK – October 28
SCHENECTADY ANTIQUE RADIO CLUB
St. Roses College, Madison Ave.
Albany, NY – 12Noon
Info: Louis DeGonzague
E-mail: zenith6@verizon.net

TENNESSEE – October 28
NASHVILLE MUSIC CITY VINTAGE RADIO CLUB
Spring Indoor Swap Meet – 7:00am to 12Noon
Nashville, TN
Associated Builders & Contractors Building
1604 Elm Hill Pike
Info: Larry Chambers (615) 355-2005
Kelton Trammell (615) 962-4310
E-mail: rktramm@aol.com
Web site: www.musiccityvintageradio.org

CALIFORNIA – November 3
CALIFORNIA HISTORICAL RADIO SOCIETY
Swap Meet/Special Presentation – 9:00am
KRE Building, Berkeley, CA
Info: www.californiahistoricalradio.com

PENNSYLVANIA – November 3
PITTSBURGH ANTIQUE RADIO SOCIETY
Club Meeting – 10:00am to 2:00pm
Radios with tuning eyes
Brentwood Presbyterian Church
3725 Brownsville Rd., Brentwood, PA
Info: Chris Wells (724) 942-1113,
Regis Flaherty (724) 969-0643
Web site: www.pittantiqueradios.org

NEW YORK – November 4
GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION
Swap Meet & Meeting
Long Island, NY - Seaford Train Station Parking Lot
7 am - 11 am Info: Jim Koehler - (516) 623-0035
Rich Lee - (914) 589-3751
Web site: www.nyantiqueradio.org

OKLAHOMA – November 10
OKLAHOMA VINTAGE RADIO COLLECTORS
Meeting, Oklahoma City, OK
Hometown Buffet
3900 N.W. 63rd St. Dinner 6:00pm, Meeting 7:00pm
Info: Jim Collings - (405) 755-4139
jrcradio@cox.net - www.okvrc.org

COLORADO – November 11
COLORADO RADIO COLLECTORS
Meeting – 1pm
Info: David Boyle - (303) 681-3258
www.radioace.com

GEORGIA – November 12
SOUTHEASTERN ANTIQUE RADIO SOCIETY
Meeting – 6:30pm
Norcross, GA - Fire Mountain Rest.
Jimmy Carter Blvd.
Info: Rich Rodgers - (678) 591-3619
Web site: www.sarsradio.com

OHIO – November 13
SOCIETY FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE (SPARK)
Meeting Kettering, OH - Parkview Comm. Ctr
4100 Glenheath 7:30 pm
Info: Dan Casey (513) 265-8466
E-mail: dansradioland@gmail.com

MISSOURI – November 13
ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS
Meeting Kirkwood, MO
Kirkwood Comm. Ctr
111 S. Geyer Rd., Room 201-A
7:30 pm Meeting, Show & Tell, Swap Table
Info: Joe Tauser - (314) 616-0745
joe@jtauser.com
Web site: www.archradioclub.com

PENNSYLVANIA – November 13
DELAWARE VALLEY HISTORIC RADIO CLUB
Monthly Meeting – Member Auction – 7:30pm
Telford Community Center, Telford, PA
Info: www.dvhrc.info

TEXAS – November 16-18
VINTAGE RADIO & PHONOGRAPH SOCIETY
Meeting 2012 Annual Convention
Hampton Inn
Info: (817) 292-7435
Web Site: www.vrps.org

NEW YORK – November 16
HUDSON VALLEY ANTIQUE RADIO & PHONOGRAPH SOCIETY CLUB
Meeting Episcopal Church of Suffern
65 Washington Street 7:30pm
Info: Dale Cranston (845) 357-1615

TEXAS – November 17
TEXAS ANTIQUE RADIO CLUB
Meeting, Kyle, TX
Railroad BBQ 9:30 am
Info: Ed Engelken – EdEngel@gvtc.com
(830) 899-3864
Web Site: www.gvtc.com/~edengel/TARC.htm

FLORIDA – November 19
JACKSONVILLE ANTIQUE RADIO SOCIETY
Monthly Meeting 1:30pm
Countryside Village Clubhouse
19060 Beach Blvd.
Info: Sean Olin – (904) 386-8332
Web Site: www.jarsradioclub.com

OHIO – November 21
CINCINNATI ANTIQUE RADIO SOCIETY CLUB
Meeting, Fairfield Pavillion
Rte 4, Fairfield, OH
Info: Bob Pohl E-mail: bobpohl@fuse.net

NEW YORK – November 25
SCHENECTADY ANTIQUE
St. Roses College, Madison Ave.,
Albany, NY – 12Noon
Info: Louis DeGonzague
E-mail: zenith6@verizon.net

ALABAMA – November 26
ALABAMA HISTORICAL RADIO SOCIETY
Meeting, Birmingham, AL
Alabama Power Bldg.
1801 Abraham Woods Blvd. – 7:00 pm
Info: Dee Haynes (205) 841-4630
www.alabamahistoricalradiosociety.org

VIRGINIA – November 27
TIDEWATER ANTIQUE RADIO & PHONOGRAPH ASSOC. (TARPA)
Club Meeting – 7pm
Norfolk, VA – Pretlow Library, Ocean View
Info: Barry Callis (757) 427-9667
E-mail: betty3689@aol.com

TEXAS – December
TEXAS ANTIQUE RADIO CLUB MEETING
Christmas Party TBA
Info: Ed Engelken - EdEngel@gvtc.com
(830) 899-3864
Web Site: www.gvtc.com/~edengel/TARC.htm

CALIFORNIA – December 1
CALIFORNIA HISTORICAL RADIO SOCIETY
General Meeting & Holiday Social – 12Noon
KRE Building, Berkeley, CA
Info: www.californiahistoricalradio.com

CONNECTICUT – December 1
VINTAGE RADIO & COMM. MUSEUM OF CONNECTICUT
Indoor Winter Swap Meet – 8:00am
115 Pierson Ln., Windsor, CT
Info: www.vrcmct.org

WEST VIRGINIA – December 2
MUSEUM OF RADIO & TECHNOLOGY ANNUAL HOLIDAY BANQUET
1640 Florence Ave., Huntington, WV
Info: 304-525-8890
Web Site: www.mrtwv.org

NEW YORK – December 2
GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION
Swap Meet & Meeting
Long Island, NY - Seaford Train Station
Parking Lot – 7 am - 11 am
Info: Jim Koehler - (516) 623-0035
Rich Lee - (914) 589-3751
Web site: www.nyantiqueradio.org

ILLINOIS – December 2
ANTIQUE RADIO CLUB OF ILLINOIS
Indoor Swap Meet 7:00am – 11:00am
Inside Business Meeting 10:00am
American Legion Hall, Carol Stream, IL
Info: www.antique-radios.org

PENNSYLVANIA – December 8
PITTSBURGH ANTIQUE RADIO SOCIETY
Club Meeting & Holiday Luncheon
10:00am to 2:00pm
Large tube count radios
Brentwood Presbyterian Church
3725 Brownsville Rd., Brentwood, PA
Info: Chris Wells (724) 942-1113
Regis Flaherty (724) 969-0643
Web site: www.pittantiqueradios.org

TEXAS – December 8
VINTAGE RADIO & PHONOGRAPH SOCIETY
Christmas Party
Garden and Arts Building –
5:00pm to 11:00pm
Irving, TX
Info: (817) 292-7435
Web Site: www.vrps.org

GEORGIA – December 10
SOUTHEASTERN ANTIQUE RADIO SOCIETY
Meeting – 6:30pm
Norcross, GA - Fire Mountain Rest.
Jimmy Carter Blvd.
Info: Rich Rodgers - (678) 591-3619
Web site: www.sarsradio.com

OHIO – December 11
SOCIETY FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE
(SPARK) Meeting Kettering, OH
Parkview Comm. Ctr
4100 Glenheath 7:30 pm
Info: Dan Casey (513) 265-8466
E-mail: dansradioland@gmail.com

MISSOURI – December 11
ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS MEETING
Kirkwood, MO - Kirkwood Comm. Ctr
111 S. Geyer Rd., Room 201-A
7:30 pm Meeting, Show & Tell, Swap Table
Info: Joe Tauser – (314) 616-0745
joe@jtauser.com
Web site: www.archradioclub.com

PENNSYLVANIA – December 11
DELAWARE VALLEY HISTORIC RADIO CLUB
Monthly Meeting – Holiday Dinner Party
7:30pm
Telford Community Center, Telford, PA
Info: www.dvhrc.info

NEW YORK – December 21
HUDSON VALLEY ANTIQUE RADIO & PHONOGRAPH SOCIETY
Club Meeting
Episcopal Church of Suffern
65 Washington Street 7:30pm
Info: Dale Cranston (845) 357-1615

NEW YORK – December 23
SCHENECTADY ANTIQUE RADIO CLUB
St. Roses College, Madison Ave.
Albany, NY – 12Noon
Info: Louis DeGonzague
E-mail: zenith6@verizon.net

ALABAMA – December 24
ALABAMA HISTORICAL RADIO SOCIETY
Meeting, Birmingham, AL
Alabama Power Bldg.
1801 Abraham Woods Blvd. – 7:00 pm
Info: Dee Haynes (205) 841-4630
www.alabamahistoricalradiosociety.org

VIRGINIA – December 25
TIDEWATER ANTIQUE RADIO & PHONOGRAPH ASSOC. (TARPA)
Club Meeting – 7pm
Norfolk, VA – Pretlow Library, Ocean View
Info: Barry Callis (757) 427-9667
E-mail: betty3689@aol.com

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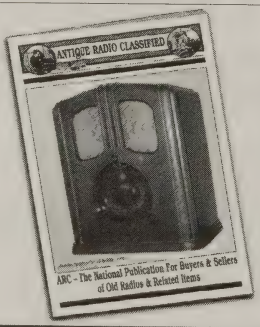

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UPCOMING INTERNATIONAL EVENTS

(A.R.C. would l`ike to hear about other international radio events)

AUSTRALIA – October 6
AUSTRALIA VINTAGE RADIO SOCIETY
Club Meeting
Info: www.avrs.org.au

HOLLAND – October 6
NEDERLANDSE VERENIGING VOOR DE HISTORIE VAN DE RADIO (NVHR)
NVHR Swap Meet
Info: web site: http://www.nvhr.nl/agenda.asp

ENGLAND – October 7
BRITISH VINTAGE WIRELESS SOCIETY
Audio Jumble
Info: bvws.org.uk

AUSTRALIA – October 18
HISTORICAL RADIO SOCIETY OF AUSTRALIA
Audio Transformers
Info: http://hrsa.asn.au/

CANADA – October 20
QUEBEC SOCIETY FOR VINTAGE RADIO COLLECTORS
Meet the Board
Info: www.sqcra.qc.ca/

AUSTRALIA – November 3
AUSTRALIA VINTAGE RADIO SOCIETY
Club Meeting
Info: www.avrs.org.au

CANADA – November 4
QUEBEC SOCIETY FOR VINTAGE RADIO COLLECTORS
Auction
Info: www.sqcra.qc.ca/

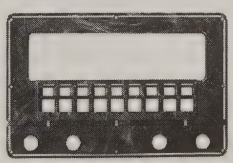
AUSTRALIA – November 10
HISTORICAL RADIO SOCIETY OF AUSTRALIA
Swap Meet
Info: http://hrsa.asn.au/

CANADA – November 14
QUEBEC SOCIETY FOR VINTAGE RADIO COLLECTORS
Workshop
Info: www.sqcra.qc.ca/

NOTE: Changes, cancellations and errors do occur. To avoid disappointment, verify place, date and time, especially for events which are new to you.

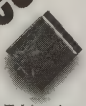
Philco knobs, pushbuttons, and escutcheons!

1941 models 41-250, 255, 256, 280, 285, 287, 290, 296, and 610



1942 models 42-355, 355T, 380, 380X, 390, and 390X

For 1940 models: Translucent wine red pushbuttons, set of eight $16. ***For 1941 models:*** Escutcheon $29.95, Knobs, set of four $20, Pushbuttons, set of eight $16 opaque brown. ***For 1942 models:*** Escutcheon with gold trim as per original $32.95. Knobs, set of four $20, Pushbuttons, set of nine $31.50. Money order gets immediate shipment. Add $5 s&h. California residents add 9.75% sales tax.



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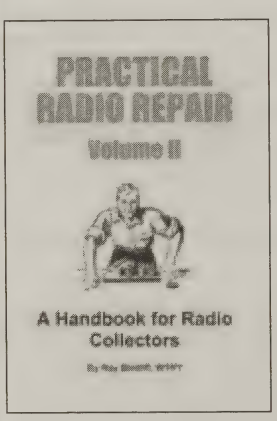
From the A.R.C. Bookstore...



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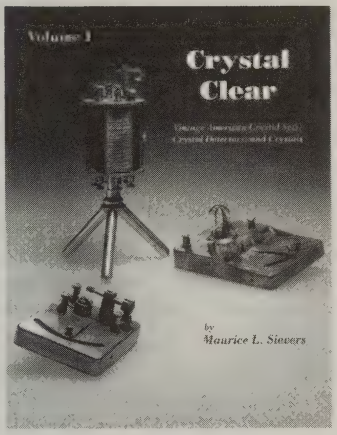
Volume 1



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CLUBS: Send antique radio club and meet information to A.R.C. for free listing here, as space permits. Sorry, we don't have room for hamfests. **Always send a SASE when writing to clubs!**

NATIONAL CLUBS

Antique Wireless Association (AWA). PO Box 421, Bloomfield, NY 14469. Pub: The AWA Journal, quarterly. Dues: $25(U.S.A) $30 (elsewhere). National annual conference and regional meets. Museum. www.antiquewireless.org. AWA World Convention: http://awamuseum.org/

REGIONAL CLUBS

Alabama Historical Radio Society (AHRS). PO Box 131418, Birmingham, AL 35213. Pub: The Superflex, monthly. Dues: $20. Meetings, Every Sat. morning and 4th Mon. evening each month but Dec., annual show/swap meet. Don Kresge Radio Museum, Lobby of the Alabama Power Bldg., 600 North 18th Street, Birmingham, AL 35203. Contact Dee Haynes (205) 841-4630. www.alabamahistoricalradiosociety.org.

Antique Radio Club of Illinois (ARCI). PO Box 1139, LaGrange Park, IL 60526. Art Bilski (630) 739-1060. Pubs: ARCI News, monthly and ARCI Update, periodically. Dues $20. Annual August Radiofest and bimonthly swap meets. www.antique-radios.org. clubinfo@antique-radios.org.

Antique Radio Collectors Club of Ft. Smith, Arkansas (ARCC). Paul Tucker 479-782-8178, 4700 N. "N" St., Fort Smith, AR 72904. Dues: $10. Meets first Thursday of month.

Antique Radio Collectors & Historians (ARCH) of Greater St. Louis. Joe Tauser, joe@jtauser.com. Dues: $15. Monthly newsletter and meetings, annual picnic/swap meet. www.archradioclub.com.

Antique Radio Collectors of Ohio (ARCO). Karl Koogle, 2929 Hazelwood Ave., Dayton, OH 45419. E-mail: karlkrad@gmail.com.

Arizona Antique Radio Club (AZARC). 1080 E. Pecos Rd., Suite 18, PMB 105, Chandler, AZ 85225-2426. Pub: The Arizona Antique Radio Club News, quarterly. Dues: $20. Meetings, swap meets, Arizona Radio Roundup. www.azarc.org.

Buckeye Antique Radio and Phonograph Club (BARPC). Jon Jansma, 31051 Fox Hollow Dr., Pepper Pike, OH 44124. (216) 591-0121. Pub: Soundings, bimonthly. Dues: $10.00. Monthly meetings in Akron, Spring and Fall auctions, April joint meeting with PARS.

California Historical Radio Society (CHRS). Bay Area Radio Museum (BARM) and the Society of Wireless Pioneers (SOWP). CHRS, PO Box 31659, San Francisco, CA 94131. CHRS Hotline: (415) 821-9800. Steve Kushman, President kushseal@flash.net. Pubs: CHRS Journal, Hints and Kinks: 20 Years of CHRS free with membership. 13 events per year. Dues: $30. www.californiahistoricalradio.com.

CHRS/Central Valley Chapter. Monthly meetings, Eddie Enrique fantomradio@sbcglobal.net, www.cvantiqueradio.com.

CHRS/Sacramento Chapter (CHRS). Monthly meetings, Dale Tucker, chairman daletucker@surewest.net.

Carolinas Chapter/AWA (CC-AWA). Ron Lawrence, PO Box 3015, Matthews, NC 28106. Pub: Radio Daze, quarterly. Dues: $10. Quarterly swapmeets. www.cc-awa.org.

Central Ohio Antique Radio Association (COARA). Dave Poland, Westerville,OH (614) 890-5422. E-mail: dcp944@yahoo.com. Quartly meetings in March, June, September, and December. January Cabin Fever & July Tailgate Meet. Dues: $12. www.members.tripod.com/~COARA/index.html.

Cincinnati Antique Radio Society. (CARS) Cheri Schuster E-mail: besomvlx@hotmail.com. Meets the 4th Wednesday of each month.

Colorado Radio Collectors (CRC). David Boyle, 1058 Colt Cir., Castle Rock, CO 80109. (303) 681-3258. Newsletter "The Flash", bimonthly starting in Jan. Dues: $20. Annual Spring Show & Fall BBQ/Auction. www.radioace.com.

Delaware Valley Historic Radio Club (DVHRC). DVHRC PO Box 5053, New Britain, PA 18901. Pub: The Oscillator, monthly. Dues: $20. Monthly meetings with swap meet in July. Sponsors twice-yearly Kutztown Radio Show (May and Sept). Web site: www.dvhrc.info.

Greater New York Vintage Wireless Association (GNYVWA). Jim Koehler 516-623-0035, Rich Lee 914-589-3751. Swap meet first Sunday of the month at Seaford, NY Long Island Rail Road Parking Lot. Web site: www.nyantiqueradio.org.

Heartland Antique Radio Association (HLARA). Gene Vickery, 7201 E. 64th St., Tulsa, OK 74133. E-mail: gene.vickery@hlara.org. Dues $15. See Web site for more info. www.hlara.org.

Houston Vintage Radio Association (HVRA). PO Box 31276, Houston, TX 77231-1276. Membership info: Tom Burslem, tomburslem@yahoo.com. Pub: The Grid Leak, bi-monthly. Dues: $20. Monthly meetings and auctions held 4th Saturday of each month. Web site: www.hvra.org.

Hudson Valley Antique Radio and Phonograph Society-AWA (HARPS). meets third Friday of the month at the Episcopal Church of Suffern, 65 Washington St., Suffern, NY 10901. Info: Dale Cranston (845) 357-1615 dale.cranston@gmail.com.

Indiana Historical Radio Society (IHRS). 245 N. Oakland Ave., Indianapolis, IN 46201-3360. Pub: IHRS Bulletin, quarterly. Dues: $15 per year. Quarterly swap meets in various areas of the state. Web site: www.indiana historicalradio.org.

Iowa Antique Radio Club and Historical Society (IARCHS). Dwight Baker, President. E-mail: vtaudio@hotmail.com. Pub: IARCHS Newsletter, quarterly. Dues: $10. Annual Radiofest. www.iowa-antique-radio-club.com.

Jacksonville Antique Radio Society (JARS). Sean Olin (904) 386-8332, oldradios@bellsouth.net. www.jarsradioclub.com.

Long Island Radio and TV Historical Society (LIRTVHS). 43 Sayville Blvd., Sayville, NY 11782. Membership $25 per year. E-mail: liwhs@gmail.com. Web site: www.lirtvhs.org.

Memphis Antique Radio Club (MARC). President, Ray Eaton, 459 Second St., Henderson, TN 38340. E-mail: MARCMemphis @gmail.com.

Michigan Antique Radio Club (MARC). Don Colbert, MARC, membership@michiganantiqueradio.org. Pub: The Michigan Antique Radio Chronicle, quarterly. Dues: $20. Annual Extravaganza and other quarterly meets. www.michiganantiqueradio.org.

Mid-America Antique Radio Club (MAARC). Claude Chafin, 4223 E. 42nd St. Way, Independence, MO 64055. Pub: The Broadcaster, quarterly. Dues: $15. Semi-annual auctions and swap meets. http://sites.google.com/site/midamericaantiqueradioclub/.

Mid-Atlantic Antique Radio Club (MAARC). Geoff Shearer, 14408 Brookmere Dr., Centreville, VA 20120 (703) 818-2686. E-mail: gshearer2@verizon.net. Pub: Radio Age, monthly. Dues: $20. Monthly meetings. www.maarc.org.

Mid-South Antique Radio Collectors (MSARC). Terry Layman, 130 Saint Margaret Dr., Lexington, KY 40502. E-mail: layvinrad@insightbb.com. Meets last Saturday in April and October.

Military Radio Collectors Association (MRCA). Pete Hamersma, PO Box 467, Holderness, NH 03245. Web site: www.mrca.ar88.net.

Military Radio Collector's Group (MRCG). Lynn Fielding KE6JZD, PO Box 11322, Torrance, CA 90501-1322. lfielding@elcamino.edu; Web site: www.syzen.com/milradio/.

Museum of Broadcast Communications. 360 N. State St., Chicago, IL 60654. Dues: $30. (312) 245-8200. Web site: www.museum.tv.

Museum of Radio & Technology. 1640 Florence Ave., Huntington, WV 25701. Web site: www.mrtwv.org.

Nashville Vintage Radio Club (NVRC). 514 E. Kings Rd., Smyrna, TN 37167. (615) 355-2005. Web site: www.musiccityvintageradio.org.

New England Antique Radio Club (NEARC). Info: (603) 898-4821. Charlie Perkett, 16 Sunset Rd., Salem, NH 03079-1704. Pub: NEARC Radio News, quarterly. Dues: $12. Two swap meets/year in April and October. Web site: www.nearc.net.

New Jersey Antique Radio Club (NJARC). Richard Lee - President (914) 589-3751; radio rich@prodigy.net. Membership: Marsha Simkin, 33 Lakeland Dr., Barnegat, NJ 08005. Meetings are 2nd Friday of the month from 7 to 10 pm alternating between Info Age, 2201 Marconi Rd., Wall Township, NJ 07719 and Bowen Hall, Princeton University. Monthly newsletter "The Jersey Broadcaster." Dues $20. 3 swap meets and 4 repair clinics a year. December holiday party. Web site: www.njarc.org.

New Mexico Radio Collectors Club (NMRCC). Contact Ron Monty at ronmonty@comcast.net. Pub: New Mexico Radio Collectors Club Newsletter, monthly. Dues: $20. Annual Sale & Show and monthly meetings. Web site: www.newmexicoradio collectorsclub.com/.

Niagara Frontier Wireless Association (NFWA). Gary Parzy, 135 Autumnwood, Cheektowaga, NY 14227. Regional meets. Display at the Amherst Museum, Amherst, NY.

Northland Antique Radio Club (NARC). PO Box 18362, Minneapolis, MN 55418. Pub: The NARC Newsletter, four/year. Dues: $10. Four meets (including 2 swap meets) per year and Radio Daze event. Web site: www.northlandantiqueradioclub.com.

Northwest Vintage Radio Society (NWVRS). PO Box 82379, Portland, OR 97282-0379. Pub: The Call Letter, monthly. Dues: $25 a year. Monthly meetings. http://nwvrs.org.

Oklahoma Vintage Radio Collectors, OK City Chapter (OKVRC). Jim Collings, jrcradio @cox.net, PO Box 50625, Midwest City, OK 73140-5625. Pub: OKVRC Broadcast News, monthly. Dues: $15 per year. Monthly meetings, spring and fall swap meets. For more information, vist http://www.okvrc.org.

Pittsburgh Antique Radio Society, Inc. (PARS). Chris Wells, 110 Fawn Valley Dr., McMurray, PA 15317. (724) 942-1113. Pub: The Pittsburgh Oscillator, quarterly. Dues: $10. Eight meets a year including the April Tri State Radio Fest. www.pittantiqueradios.org.

Puget Sound Antique Radio Association (PSARA). PO Box 7567, Tacoma, WA 98417. Contact Linda Glaspey (425) 478-3643. Pub: The Horn of Plenty, monthly. Dues: $25 per year. Monthly meetings & swap meets, Nov. show & Aug. swap meet. www.eskimo.com/~hhagen/psara/index.html.

Radio Enthusiasts of Puget Sound (REPS). REPS Membership, 17334 Densmore Ave. N, Shoreline, WA 98133. Pub: Air Check, 9 times a year. Dues: $20 per year. Monthly meetings, annual Radio Showcase. www.repsonline.org.

Radio History Society, Inc. (RHS). Radio & Television Museum, 2608 Mitchellville Rd., Bowie MD 20716. Rusty Wallace, Membership Chair. Quarterly publication: Dials and Channels. Dues: $25 per year. E-mail: radiotvmuseum@verizon.net. www.radiohistory.org.

Schenectady Antique Radio Club (SARC). Louis DeGonzague, 15 Gail Ln., Latham, NY 12110. (518) 391-9239. E-mail: zenith6@verizon.net. Dues: $3. Meets the 4th Sunday of each month at St. Roses College, Madison Ave., Albany, NY at 12 noon.

Society for the Preservation of Antique Radio Knowledge (SPARK). Dues: $15. Annual Swap Meet, Monthly meeting, 7:30 pm Parkview Community Center, Kettering, OH. Contact: Dan Casey (513) 265-8466; E-mail: dansradioland@gmail.com. www.antiqueradios.com/spark.

Southeastern Antique Radio Society (SARS). Rich Rodgers, President, 113 Laurel Ridge Dr., Alpharetta, GA 30004. Pub: Newsletter, quarterly. Dues: $16. Spring, Fall and Winter swap meets. Monthly dinner meetings, 2nd Monday of each month, in Norcross, GA. www.sarsradio.com.

Southern California Antique Radio Society (SCARS). Jim Garrett, 15621 Fox Hills St., Westminster, CA 92683. (714) 891-1689. wa6yos@juno.com. Pub: SCARS Gazette, quarterly. Dues: $20. Web site: www.antique radios.org.

Texas Antique Radio Club (TARC). Ed Engelken, 680 Lake Forest, Canyon Lake, TX 78133. Pub: Lone Star Waveform, monthly. Monthly meetings. Web site: www.tarc.gvtc webspace.net.

Texas Panhandle Vintage Radio Society (TPVRS). Eloy A. Heras, 4086 Business Park Dr., Amarillo, TX 79110. Dues: $5. Quarterly meetings.

Tidewater Antique Radio and Phonograph Association (TARPA). Barry Callis, 3689 N. Landstown Rd., Virginia Beach, VA 23456. (757) 427-9667. E-mail: betty3689@aol.com. Meets last Tuesday of each month at the Mary Pretlow Library.

Vintage Radio & Communications Museum (VRCM). 115 Pierson Ln., Windsor, CT 06095. (860) 683-2903. Web site: www.vrcmct.org.

Vintage Radio & Phonograph Society (VRPS). PO Box 165345, Irving, TX 75016. Pub: The Soundwaves is published quarterly. Dues: $20.00 annually. Monthly meetings, swap meets, Spring auction, annual convention. More information at Web site: www.vrps.org.

W. Va. Chapter, AWA (AWA-WVC). Geoff Bourne, 405 8th Ave., St. Albans, WV 25177. Newsletter, monthly. Dues: $25.00 (includes museum membership). Quarterly meets, monthly meetings, classes.

Wisconsin Antique Radio Club, Inc. (WARCI). Bill Engaas, 18265 W. Thornapple Ln., New Berlin, WI 53146. Dues: $15. Web site: www.warci.org.

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(A.R.C. would like to hear about other international antique radio clubs.)

Australia: Historical Radio Society of Australia (HRSA). Membership Secretary, PO Box 2283, Mt. Waverley, Victoria 3149, Australia. Pub: Radio Waves, quarterly. Dues: $35 Australian. Monthly Meetings. http://hrsa.asn.au.

Australia: Historical Wireless Society of South East Queensland (HWS of SEQ). Pub: Wireless Review, quarterly. Membership: membership@hws.org.au. Web: www.hws.org.au.

Australia: Vintage Radio Club of North Eastern Victoria. Meetings 4th Saturday of the month. Alternate between R.I.S.E. Special Needs Centre, Shepparton, Vic. and Uniting Chruch Benalla Vic. (no December meeting). Info: Marcus Chick, PO Box 637, Wangaratta, Vic 3676. 03 5725 3276. Web: chickmbv@bigpond.com.

Australia: Australia Vintage Radio Society Inc. Monthly meetings, workshops, tech. assistance, etc. Bi-monthly newsletter. Overseas memberships are $35pa + $5 joining fee. AVRS Secretary, PO Box 3099, Syndal LPO, Victoria, Australia 3150. Web: www.avrs.org.au.

Belgium: Belgische Radio Club. Francois Marschang, Kromvendreef 53, B-2900, Schoten, Belgium.

Belgium: Vlaamse Liefhebbers Van Der Historiche Radiotechniek (VLHR). Rudi Sillen, Limberg 31, B-2230, Herselt, Belgium. Pub: Retro-Radio, quarterly. Dues: $20.

Bosnia: Radio Historijsko Udruzenje Jelah. Web: www.rhu.jelah.ba.

Brazil: Antique Radios in Brazil. João Mello, PO Box 101, São Roque, Brazil 18130-000.

Canada: Canadian Vintage Radio Society (CVRS). CVRS, 10271 Algonquin Dr., Richmond, British Columbia V7A 3A5. membership@canadianvintageradio.com. Newsletter is available by print or email. See web site for dues. www.canadianvintageradio.com.

Alberta Chapter/CVRS, Rick Williams, rich@canadianvintageradio.com. Secretary CVRS Alberta, 9611 142 St., Edmonton, Alberta T5N 2M8.

British Columbia Chapter/CVRS, Bill West-Sells, westsells@telus.net.

Manitoba Chapter/CVRS, volunteer needed, vactube@hotmail.com.

New Brunswick Chapter/CVRS, W.H. Gentleman, bill@canadianvintageradio.com. 17 Maple Cresc., Rothesay, New Brunswick E2E 2A4.

Newfoundland Chapter/CVRS, John Bray, john@canadianvintageradio.com.

Nova Scotia Chapter/CVRS, Brian McKeigan, brian@canadianvintageradio.com. 4 Baird St., North Sydney, Nova Scotia B2A 2B3.

Ontario Chapter/CVRS, Paul Martin, paulmartin8@yahoo.com.

Saskatchewan Chapter/CVRS, Stan Marlin, smarlin@sasktel.net.

Yukon and NWT Chapter/CVRS, volunteer needed.

Canada, British Columbia: Antique Radio Club of Victoria, BC. Meets 3rd Wednesday of the month at Pluto's, 1150 Cook St., Victoria, BC 7:00pm to 8:30pm. http://groups.yahoo.com/group/VicRadioGroup/.

Canada: Society for the Preservation of Antique Radio in Canada (SPARC). Bruce Winter, 4757 London Green Pl., Delta, BC V4K4X1 Canada E-mail: winter@dcnet.com. Pub: Periodic newsletters. Dues: $20. Annual open house and show, periodic shows and displays, and museum. www3.bc.sympatico.ca/radiomuseum/.

Canada, Ontario: London Vintage Radio Club (LVRC). Davd Noon, 19 Honeysuckle Crescent, London, ON N5Y4P3, Canada E-mail: va3dn@execulink.com. Pub: LVRC Newsletter "The Loudspeaker," bimonthly. Dues: $15 Canadian. Six meetings yearly. www.lvrc.homestead.com/index.html.

Canada, Ontario: Ottawa Vintage Radio Club (OVRC). Lea Barker, barker@ca.inter.net. Pub: OVRC. Monthly meetings. www.ovrc.org.

Canada, Ontario: Ontario Vintage Radio Association (OVRA). Ted Catton. www.ovra.ca.

Canada, Quebec: Quebec Society for Vintage Radio Collectors (QSVRC). SQCRA, Daniel Labelle, 538 Judd, St-Eustache, Quebec, Canada J7R 4N8. Pub: Radiophilie Quebec, bimonthly.www.sqcra.qc.ca.

Czech Republic: Historicy Radioclub Ceskoslovensky (HRCS). Nadrazni 1394/53, CZ 589 01 Trest. Pub: Radiojournal, 3 per year. Meetings: 4 per year. Dues: 25 Euro/Year. Web: www.radiojournal.cz.

England: British Vintage Wireless Society (BVWS). Mike Barker, Pound Cottage, Coate, Devizes, Wiltshire SN10 3LG, England. Pubs: BVWS Bulletin, quarterly; BVWS Newsletter, five times/year. Dues: £25. Meetings and swap. www.bvws.org.uk.

England: Eddystone User Group (EUG). Online only. Web Site: www.eddystoneusergroup.org.uk/.

Finland: Suomen Radiohistoriallinen Seura ry (SRHS). PO Box 32, FI-40101 Jyväskylä, Finland, Pub: Radiot, Amateur radio station: OG6M, Museum: www.radiomuseo.fi, Web site: www.radiohistoria.fi.

France: Association des Amis du Musée de l'Electro-Acoustique les Radiophiles Français (A.E.A.). Jean-Claude Montagné, President, 35 rue Salvador Allende, F92220, Bagneux, France. Pub: Bulletin of the A.E.A. Dues: $46. http://perso.wanadoo.fr/clubaea/gindex.htm.

France: Club Histoire et Collection Radio (CHCR). Chez Gilbert Gorin, 3 rue Capitaine H. Maizan, 80160 Plachy-Buyon, France. Pub: Telegraphie et Telephonie Sans Fil Electricite Ancienne, quarterly. Library. Annual May event in Riquewihr, Sept. Bar Le Duc event, meetings. Website: www.chcr.asso.fr.

France: Radiofil. Jean-Paul Delattre, Secretaire general, 2 Rue de la Clairiere, 54425, Pulnoy, France. Email: secretaire-general@radiofil.com. Pub: Radiofil Magazine, 6 issues/year. Dues: euro 39/year. http://www.radiofil.com.

Germany: Gesellschaft der Freunde der Geschichte des Funkwesens e.V. (German Society of Wireless History). Germany's largest radio and tube collectors and historians association with app. 2500 members) Publication: Funkgeschichte, bimonthly, many events, website: www.gfgf.org.

Hungary: Hungarian Radio Collectors Club. Laszlo Koger, H-8900 Szekesfehervar Sajo U 9. Meetings twice a year, bi-monthly news.

Ireland: Irish Vintage Radio & Sound Society. Irish Vintage Radio & Sound Society. www .irishvintageradio.com.

Israel: Antique Radio and Broadcasting Museum. Museum in Tel-Aviv. Bruno Pinto, 24 Remez St., #7, Tel-Aviv, Israel 62192.

Italy: Associazione Italiana per la Radio d'Epoca (AIRE). Nerio Neri, President, Museo della Comunicazione, via de Ricasoli 22, 52100 Arezzo, Italy. Pub: La Scala Parlante, bimonthly. Web site: http://www.aireradio.org.

Japan: Antique Wireless Club (AWC). Noriyoshi Tezuka, JA1NTF, Secretary AWC, Telephone: +81-45-949-3195, Kagahara 1-24-6-115, Tsuzuki-ku, Yokohama 224-0055, Japan. Monthly meetings and newsletter. E-mail: n-tezuka@pop16.odn.ne.jp. Web site: http://blog.goo.ne.jp/vrc-tezuka.

Netherlands: Nederlandse Vereniging voor de Historie van de Radio (NVHR). Van Aduardstraat 21, 6671 ZD Zetten, The Netherlands. www.nvhr.nl.

New Zealand: New Zealand Vintage Radio Society (NZVRS). David Crozier, PO Box 13873, Onehunga, Auckland, New Zealand 1643. NZVRS Bulletin, quarterly, monthly meetings. Dues: $15. www.nzvrs.pl.net.

Norway: The Norwegian Radiohistoric Society. Mekanikerveien 32, N-0683 Oslo, Norway. Pub.: Hallo Hallo, quarterly. Dues: $40. Regular meetings every Tuesday; Auctions a couple of times per year. Web site: www.nrhf.no.

Romania: Pro Radio Antic. P-ta. Acad. Caius Iacob, Nr.4, Bl.R, Sc.A, Et.8, Ap.29; 310136 Arad, Romania. www.proradioantic.ro.

Spain: Spanish Vintage Wireless Club (Associacio Cultural Amicos de la Radio). Rei Jaume, 55, 08840 Cardedeu, Spain. http://rt00117m.eresmas.net/amg-2.htm.

Sweden: The Radio History Society of West Sweden. Anders Carlssons, Gata 2, SE-417 55 Gothenburg, Sweden. Pub: Audionen. Amateur radio station: SK6RM. Museum: www.radiomuseet.se. E-mail: info@radiomuseet.se.

Sweden: Sveriges Radio Historiska Forening (SRHF). Contact Johan van der Levin: johan@johansoldradios.se. www.radiohistoriska.se.

Switzerland: Club der Radio-und Grammosammler (CRGS). Johannes M. Gutekunst, Lenzhardstrasse 22, 5102 Rupperswil, Switzerland. Quarterly newsletter. www.crgs.ch/.

Tube Collectors Association. PO Box 636, Ashland, OR 97520 USA. Pub: Tube Collector, 6 times a year. Dues: $20 per year to the US and Canada. See the web site for multiple year dues and foreign membership dues. www.tubecollectors.org.

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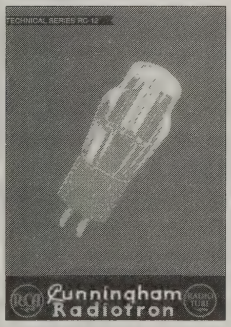

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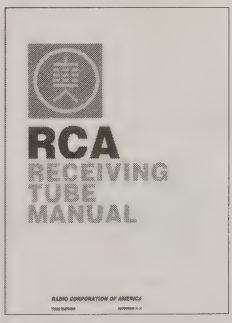

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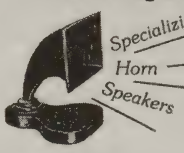

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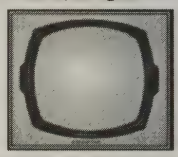

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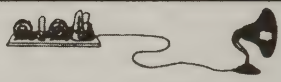

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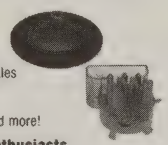

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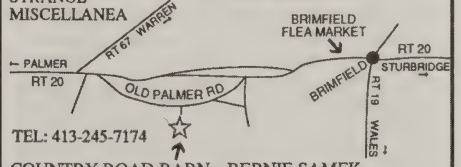

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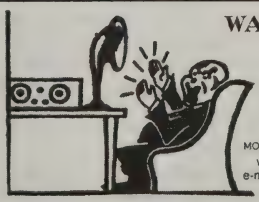

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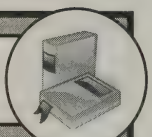

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The deadline is the first of the month for display and business card ad artwork, payment and repeat requests.

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisified, and to comply with a buyer's refund request on unaltered returned items.

Advertising must be prepaid, except as noted below; see "Payment" paragraph above for details. Late ads will be run only if space and time permit. **Originals must be the artwork size listed below.** Send all artwork via e-mail or ask us to typeset it for you. Do not send in artwork on art board or send negatives. Please call for instructions on how to send your electronic ad. If used, reverse type must be limited to 25% of the ad. If you want us to prepare your ad, include the one-time cost below for A.R.C. to make up the ad.

Add $16.00 per photo for screening unless part of an existing electronic ad. **Do not cut or trim photos or glue photos to artwork; submit separately.**

If you are confused by these requirements and terms, please contact A.R.C. before beginning to prepare your ad. We will be happy to advise you on your ad ideas, estimate how much the ad will cost, recommend an ad size, etc.

We assume that advertisers want all ads which are submitted to run without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet these specifications. A late ad will run beginning with the next month. "Tear sheets" will be sent only for 1/16-page or larger ads and only if requested when the ad is submitted.

First business card per advertiser is at lower rate.

The 3-month rates represent about an 11% discount, the 6-month rates 23%, the 12-month rates 30%. Placement requests: add 15% but call first. Clubs: write for discount policy.

Page	ARTWORK SIZE (SEND IN THIS SIZE) H x W (inches)	As Printed (size in magazine) H x W (inches)	Cost for 1-month	Cost for 3-months	Cost for 6-months	Cost for 12-months	One Time to make up Ad
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1/2 H	3 5/16 x 4 3/4	3 5/16 x 4 3/4	146.00	389.00	675.00*	1175.00**	37.00†
1/2 V	7 3/4 x 2 1/4	7 3/4 x 2 1/4	146.00	389.00	675.00*	1175.00**	37.00†
1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	74.00	197.00	342.00	595.00	19.00†
1/8	1 5/8 x 2 1/4	1 5/8 x 2 1/4	38.00	101.00	177.00	305.00	9.00†
Business Card (1st)	2 x 3 3/4	1 1/4 x 2 3/8	not avail.	53.00	90.00	159.00	7.00†
Business Card (2nd....)	2 x 3 3/4	1 1/4 x 2 3/8	not avail.	68.00	118.00	205.00	7.00†

* Full & ½ page, 6-mos.: ½ due with order; ½ due in 3 mos. ** Full & ½ page, 12-mos.: ¼ due with order; ¼ due at 3, 6 & 9 mos.
† For 6 and 12 month ads, no ad make-up charge if no change is made to ad for entire run.

E-mail: arc@antiqueradio.com **Web: www.antiqueradio.com**

CLASSIFIED ADS • DETAILS AND RATES

ONE FREE 50-WORD AD for subscribers in each issue; additional words are 10¢ each. See details below. Classified ads sent by mail, fax, e-mail or by any other method must be received (not just postmarked!) by **Noon Eastern Time** on the classified ad deadline date to guarantee inclusion in the current issue. Late ads are held for the following issue. Please enclose correct payment with all ads. Cash is OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on opposite page for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted. Free ads are OK via e-mail but for your protection, please use our secure website for longer, paid ads.

Faxed & e-mailed ads: Please see additional information on opposite page.

When including ads with other A.R.C. correspondence, write the ads on a separate piece of paper. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive months up to your subscription expiration; 12-months, maximum) you want the ad to run.

To minimize our typing errors: Please write legibly. Use both capital and small letters. Do not use a dash between words. Carefully write the following numbers and letters (especially in model numbers) since some can look alike; for example 1, l and I (the number one, the capital i and the small L.) Also: 0, O , o, Q and D; v, r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which we might mistake as a more common word or manufacturer, note it so that we do not "correct" it. Editor's annotations are in [brackets] in ads.

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

Classified ads must have a standard heading such as WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, FREE. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name (or company name) and address are required in all classified ads; we will add it if you forget.

The publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Names other than the advertiser will be edited out of ads. Ads with non-radio-related items will be returned or edited unless the non-radio-related items are for trade of radio-related items, or they are incidental to and appear at the end of an otherwise acceptable ad. The publisher is not responsible for errors due to illegibly written ads or for any other reason. See also Publishing Rights on opposite page.

Clubs: Since club activities receive free coverage on the *Coming Radio Events* pages, the free 50 words may not be used for club activity ads. A discount on display advertising is available for clubs.

Classified Ad Rates per Month

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Subscribers (Ads after first ad):
10¢ per word for all words

Non-Subscribers:
30¢ per word

Please do not forget to send in the extra 10¢ per word when your classified ad runs over the free 50 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

PHOTO & DRAWING DETAILS

Deadline: 1st of the month for all ads with drawings or photos!

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph, and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

$10.00 per month for each photo or drawing
(If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

IMPORTANT — COUNTING WORDS — IMPORTANT

The standard headings: WANTED, FOR SALE, etc., count as one word each time used in an ad. Name, address and (one) telephone number, count as 6 words, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name (or company name) and address are required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, fax, e-mail, etc. count as one word each. Hyphenated words count as two words.

E-mail: arc@antiqueradio.com **Web: www.antiqueradio.com**

DO YOU KNOW YOUR A.R.C. SUBSCRIBER BENEFITS?

Since becoming publisher I've asked many of our subscribers about the benefits that come with a subscription to *Antique Radio Classified.*

These have included both our print subscribers as well as our online edition subscribers. The only difference between the print and online subscribers is that the online subscribers pay a reduced subscription rate and don't receive the print magazine.

Many of the people I spoke with didn't know about our subscription benefits.

Let's take a look at them:

ABILITY TO LOOK AT THE MAGAZINE ONLINE

As a print or online subscriber you can look at the latest issue of the magazine online on our web site. This is the entire issue of the magazine and not an abbreviated edition. Subscribers can look at the last four issues of the magazine. Non-subscribers can look at earlier editions of the magazine at no cost.

One advantage of the online edition is that any photograph sent to us in color is posted in color!

ABILITY TO LOOK AT PAST AUCTION RESULTS

Almost every month we publish auction results in the magazine. Did you know that we have a database of the auction prices online on our web site? Subscribers can look at the auction results and they are SEARCHABLE! If you want to see if a specific radio, piece of equipment, tube, magazine, etc. that has been sold, all you have to do is enter the item and see every time the item has been sold as well as the price, auction house, and date!

ABILITY TO LOOK AT ONLY THE CLASSIFIED ADS

Subscribers can also look only at the classified ads without downloading the entire magazine. This is very useful for readers who just want to read the classified ads. Readers with dial up Internet service will save a lot of downloading time.

FREE MONTHLY CLASSIFIED AD

Each month a paid subscriber is entitled to place a free classified ad in the magazine. The classified ad can be up to 50 words. Additional words are 10 cents each. Classified ads can be submitted by email, fax, or mail. Typewritten preferred to reduce possible errors. Name, address and telephone number count as 6 words. Full name and address are required in all classified ads.

Of course the most important benefit to the subscribers of *Antique Radio Classified* are the articles containing information that will help you in increasing your knowledge of our hobby.

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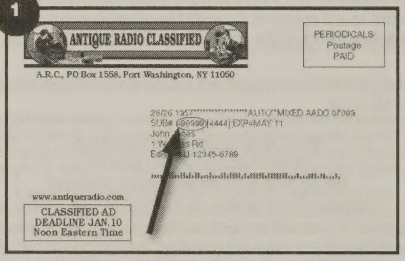
1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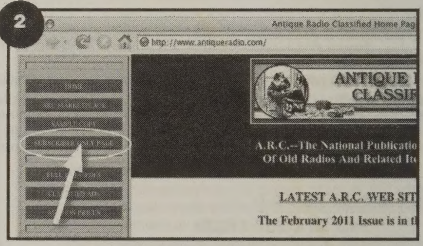
2



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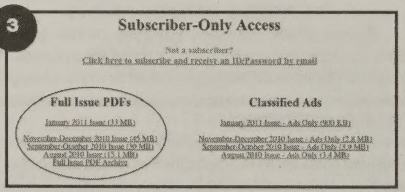
3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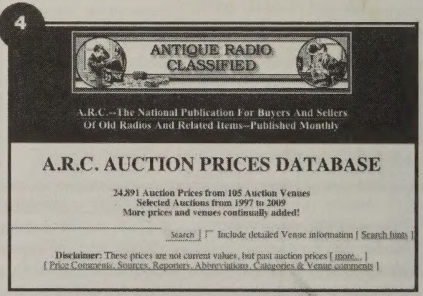
4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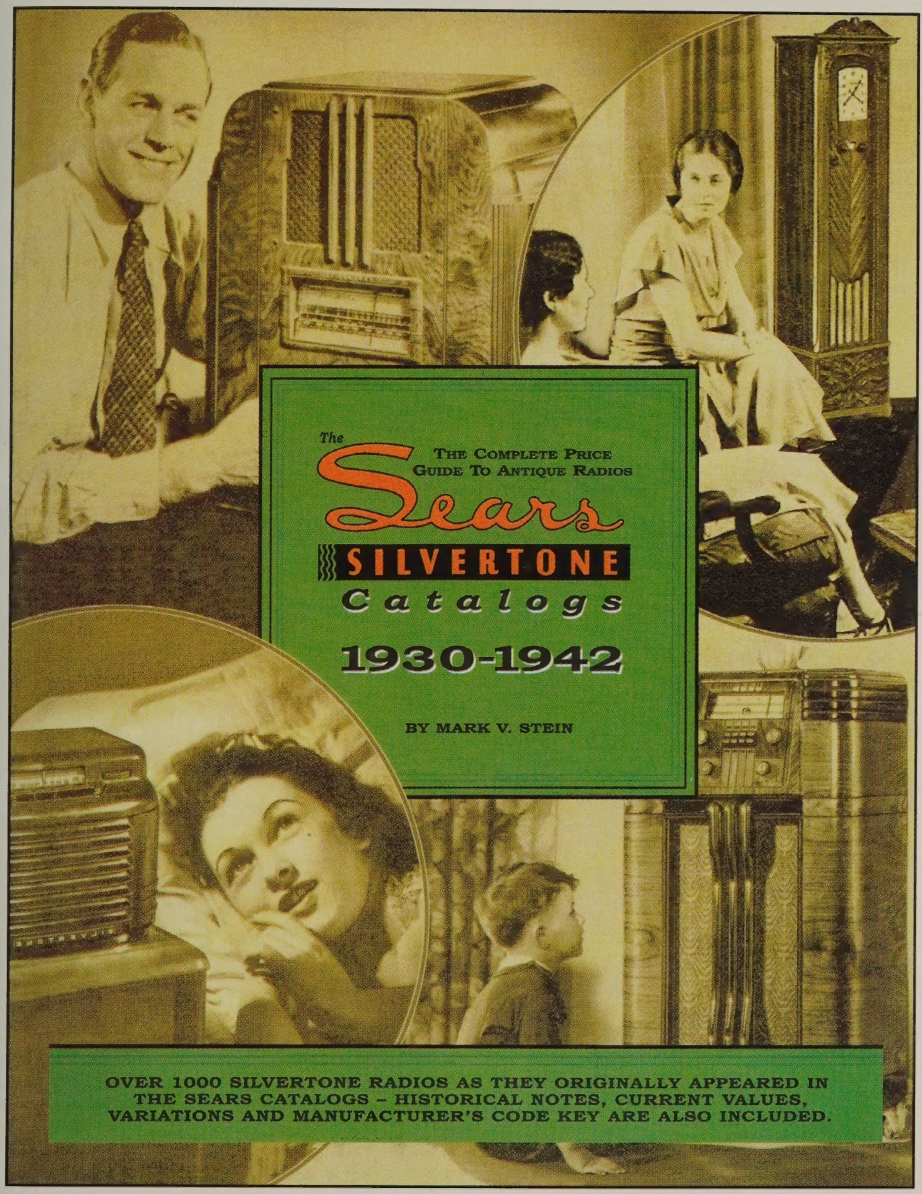
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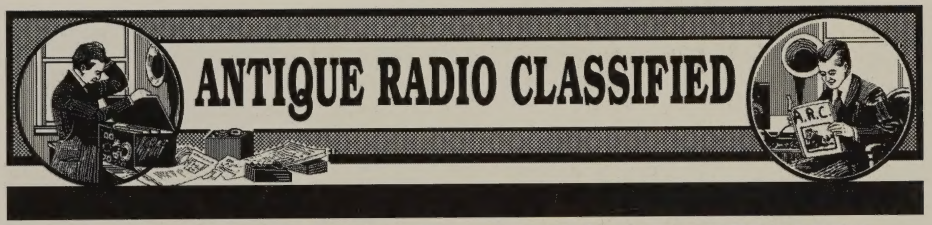

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